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Comstock Mill Historical Survey Site Packet

Mill # 139 Mill Name: Petaluma Mill

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1.0 HISTORICAL DOCUMENTATION OF MILL

1.1 HISTORICAL SUMMARY OF PETALUMA MILL

The Petaluma Mill, located west of Twin Peaks in Gold Hill next to the Sapphire Mill, opened in July 1862. It cost an estimated \$30,000 to construct. Fritsch, Zartman & Company was the proprietors of the mill (Ansari 1989:51; Browne 1868:352; Historic American Engineering Record [HAER] 1980). In 1862, Church, Tustin, Fritsch, and Zartman owned the mill, which employed eight men. The mill had 16 Hungarian amalgamating bowls, 12 pans for "working silver sulphurets," a 21 horsepower steam engine manufactured in San Francisco at the Pacific Foundry, and a capacity of 12 tons per day (Kelly 1862:202-203). In 1863, David B. Hunt and P.G. Childs leased the Petaluma, and its 12 amalgamating pans with a 10 ton-per-day capacity (HAER 1980; Science Applications International Company [SAIC] 1993:121). In 1864, the mill processed sixty tons of ore per week using eight stamps and 14 pans (*Gold Hill Daily News* 1864:3; SAIC 1993:121). In 1865, A.L. Greeley owned the mill, which had eight employees, eight stamps, 18 common muller amalgamator pans, and a 20 horsepower steam engine that consumed two-and-three-eighths cords of wood each day. The average capacity was 12 tons per day (Ansari 1989:51; HAER 1980). In June 1865, the steam-powered mill and its eight stamps processed ore from the Plato Mine at \$160-210 per ton. A.L. Greeley continued as proprietor (*Gold Hill Daily News* 1865a:2; *Gold Hill Daily News* 1865b:3). An 1865 survey map shows the Sapphire Mill (Figure 1).

In 1866, the \$12,500 mill, owned by the Greeley Brothers, had 10 or 16 700-pound stamps, 18 pans, a 26-ton-per-day capacity, and a 30 horsepower steam engine that burned 3½ cords of wood a day at \$14 per cord (Ansari 1989:51; SAIA TSC 1993:121; Browne 1868: 352-353). In July 1866, J.C. Caldwell was superintendent of the mill, which used 8 800-pound stamps and 18 amalgamating pans to process 10-12 tons of ore per day (*Territorial Enterprise* 1866a:3). In October 1866, the mill purchased new batteries and Varney pans (*Territorial Enterprise* 1866b:3). The mill was remodeled in November 1866, incorporating a 40 horsepower engine, 16 stamps, and two new boilers (*Territorial Enterprise* 1866c:3; *Territorial Enterprise* 1866d:3). In December 1866, the mill contained a 29 horsepower engine, 6 Wheeler pans, and 16 700-pound stamps (*Territorial Enterprise* 1866e:3).

In 1868, the mill was reopened with two new boilers and new pans. The mill used 24 stamps to process 50 tons of ore per day from the Kentuck Mine (*Territorial Enterprise* 1868:3a; *Territorial Enterprise* 1868b:3). Levi Fink served as foreman in 1869 (*Territorial Enterprise* 1869:3). In 1870, Sharon and Mackey owned the mill and its 24 stamps (HAER 1980). In the early 1870s, the mill used 24 stamps to crush up to 75 tons per day from the Crown Point Mine (Ansari 1989:51). In 1872, catastrophe struck when a large explosion destroyed the mill and damaged surrounding structures (*Territorial Enterprise* 1872:3). In 1873, E.J. Chamberlain overhauled the mill (*Territorial Enterprise*

1873:3). In the 1876, the mill reportedly shut down (HAER 1980), though another source from 1876 reports that the steam-powered mill had 24 stamps that worked 75 tons per day (Powell 1876:68). In 1877 and 1879, the mill was recorded on Wheeler's maps (Figure 2 and Figure 3). The mill was possibly moved in August 1880 to Bodie, California. If the mill was moved, it was used by the Bodie Tunnel and Goodshaw Mine. Other sources, however, indicate that the mill was reopened by 1882 on the Comstock. If the mill remained in Gold Hill, it was in operation until at least 1887, using 24 stamps. Mill remains are reportedly buried (Ansari 1989:51; HAER 1980; SAIC 1993:122).

A Historic American Engineering Record report was performed in June 1980 at this site (HAER 1980).

The following tables contain the full title history of the Petaluma Mill (SAIC 1993:125-130).

PETALUMA MILL SITE

DATE	TYPE	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
02-27-1863	Deed	John Fritsch N.O. Stafford William Sartman	Columbus Tustin	Undivided 1/3 interest in Petaluma Mill Company's Quarts Mill and lot, north of Barnes Hotel, lot measuring 117 feet by 200 feet	03-31-1863	Storey Deeds K	543-545	(N-1)
01-01-1864	Quitclaim Deed	C. Tustin	A.L. Greeley	Undivided 1/3 interest in Petaluma Mill Company's Mill and lot measuring 117 feet by 200 feet, north of Barnes Hotel	01-22-1864	Storey Deeds V	380-381	(N-2)
01-01-1864	Mortgage	A.L. Greeley	Columbus Tustin	Undivided 1/3 interest in Petaluma Mill Company's Lot and Mill, as described above	01-18-1864	Storey Mortgage C	598-600	(N-3)
10-01-1864	Release of Mortgage	Columbus Tustin	A.L. Greeley	(Releases N-3)	10-24-1864	Storey Mortgage D	413-414	(N-4)
06-16-1865	Quitclaim Deed	A.L. Greeley	Petaluma Mill & Mining Company (CA corp.)	Petaluma Quarts Mill and lot measuring 117 feet by 200 feet, north of Barnes Hotel	06-21-1865	Storey Deeds X	229-230	(N-5)
08-18-1866	Deed	Petaluma Mill and Mining Company, by A.L. Greeley, Pres.	Thomas Jones	Petaluma Company's Quarts Mill and lot north of Barnes Hotel, measuring 117 feet by 200 feet	08-22-1866	Storey Deeds 16	569-570	(N-6)
06-01-1867	Deed	Thomas Jones	A.L. Greeley	Petaluma Company's Quarts Mill and lot north of Barnes Hotel, measuring 117 feet by 200 feet	06-04-1867	Storey Deeds 27	411-412	(N-7)

2.11 Petaluma Mill

According to Ostrom's 1864 map and an 1865 survey, the Petaluma Mill was located in the town of Gold Hill on Lot 6, Block 6, Range C (Lot 6), next to the Sapphire Mill (B-13;A019001) (see Map 11). The Petaluma Mill also appears on a number of other historic maps, dated 1862, 1865, 1874, 1876, 1876-1877, 1879, and 1905 (B-2;A010546) (B-3;A002001) (B-5;A010544) (B-6;A002004) (B-7;A012129) (B-8;A010545) (B-9;A002003) (B-11;A005065) (B-12;A002002). The Petaluma Mill was located on current Tax Assessor Parcel No. 02-101-09 (Map 3.1).

In 1863, Kelly's Second Directory reported that the Petaluma Mill was owned by Fritsch, Zartman and Company, who were leasing it to David B. Hunt and P. G. Childs. It was situated below the Sapphire Mill and had been operating continuously since July 1862, with 12 amalgamating pans and a crushing capacity of 10 tons of ore per day (A-1;A008125).

The earliest title document for the Petaluma Millsite is a deed dated February 27, 1863, conveying an undivided one-third interest in the Petaluma Company's lot and quartz mill from John Fritsch, N. O. Stafford, and William Zartman to Columbus Tustin (M-1). The lot was located north of the Barnes Hotel and measured 117 feet by 200 feet (M-1). On January 1, 1864, Tustin quitclaimed his one-third interest in the Petaluma Mill Company's mill and lot to A. L. Greeley (M-2), and Greeley mortgaged this interest back to Tustin (M-3). Tustin executed a release of this mortgage on October 1, 1864 (M-4).

Collins' 1864 Directory stated that S. L. Greeley [sic] owned the Petaluma Mill, that it was located in lower Gold Hill, and that it had 8 stamps and 14 amalgamating pans (A-2;A008011).

On June 16, 1865, A. L. Greeley quitclaimed an unspecified interest in the Petaluma Mill and lot to Petaluma Mill and Mining Company, a California corporation (M-5).

The June 27, 1865 edition of the *Gold Hill News* reported that A. L. Greeley owned the Petaluma Mill, and that it had 18 pans and worked 12 tons of ore per day (B-14;A008573). The 1866 State Mineralogist Report stated that the Petaluma Mill had 16 stamps, 18 pans, and a crushing capacity of 26 tons per day (A-3;A008519).

On August 18, 1866, A. L. Greeley signed a deed as president of Petaluma Mill and Mining Company, conveying "the Petaluma Co.'s" mill and lot from Petaluma Mill and Mining Company to Thomas Jones (M-6). Thomas Jones conveyed the same property back to A. L. Greeley on June 1, 1867 (M-7). On the same date, A. L. Greeley conveyed "the Petaluma Mill Co.'s" mill and lot to F. A. Tritle, J. W. Mackay, and J. M. Walker (M-8).

Tritle, Mackay, and Walker conveyed an undivided one-half interest in the Petaluma Mill and associated land, and other property, to William Sharon on October 29, 1867 (M-9). J. C. Flood signed this deed as Attorney in Fact for J. M. Walker (M-9). The property description for the land associated with the Petaluma Mill includes both the lot described in the earlier documents (M-1 through M-8) as measuring 117 feet by 200 feet, and adjacent property purchased

from William Sharon on July 2, 1867 (M-9). This property description appears in documents M-9 through M-17.

On May 7, 1868, William Sharon conveyed a one-half interest in the Petaluma Mill and associated land, along with other mills, to Union Mill and Mining Company (M-10).

Frederick A. Tritle conveyed an undivided one-fourth interest in the Petaluma Mill and land to William Sharon on March 3, 1870 (M-11). William Sharon conveyed the same interest to John W. Mackay on May 7, 1870 (M-12). In two separate deeds dated December 18, 1870, John W. Mackay conveyed both an undivided three-sixteenths interest in the Petaluma Mill and land to J. C. Flood and W. S. O'Brien (M-13) and an undivided two-sixteenths interest in the same property to James G. Fair (M-14). Document M-13 specifically mentions quicksilver in describing the property associated with the Petaluma Mill and conveyed in the deed.

The 1871-72 State Mineralogist Report and Powell's 1876 *Land of Silver* both described the Petaluma Mill as having 24 stamps and a crushing capacity of 75 tons per day (A-4;A008456) (A-5;A005027).

Union Mill and Mining Company conveyed its undivided one-half interest in the Petaluma Mill and land to Alvinza Hayward and John P. Jones on April 30, 1872 (M-15). William Sharon signed this deed as President of Union Mill and Mining Company (M-15). James C. Flood, W. S. O'Brien, James G. Fair, and John W. Mackay quitclaimed an undivided one-half interest in the Petaluma Mill and land to Alvinza Hayward and John P. Jones on March 7, 1873 (M-16). On December 28, 1874, Alvinza Hayward conveyed an undivided one-half interest in the Petaluma Mill and land, along with many other millsites, to Union Mill and Mining Company (M-17).

According to the Comstock Historic District Commission, the 1882 *Production of Gold and Silver in the U.S.* reported that the Petaluma Mill was operating as a tailings mill, and the February 19, 1887 edition of the *Mining and Scientific Press* described the Petaluma Mill as operating with 24 stamps (A-10;A019081).

There is a break in the title history for the Petaluma Millsite at this point. The Petaluma Mill and Mining Company was listed on the tax rolls as the owner of Lots 6 and 7, Block 6, Range C (Lots 6 and 7) in 1875, 1878, 1880, 1885, and 1890. In 1900 and 1910, "Conway" and "Mrs. Pat Conway, Storey County Treasurer," respectively, were listed as the owners of the property. Gold Canon Mill Co. also was listed as an owner in 1910. On July 21, 1903, J. A. Comboie, as Treasurer and "Ex-Official" Tax Receiver of Storey County, conveyed the Petaluma Mill and Lots 6 and 7 to J. A. Comboie, as Storey County Treasurer (M-18). The Storey County Treasurer conveyed Lot 6 and other property to B. Paul Hahnewald in a tax deed dated January 28, 1911 (M-19). The Petaluma Mill was not mentioned in this deed.

B. Paul Hahnewald entered into an agreement with Caledonia Silver Mining Company to work and reduce ores by and through the mill known as the Dietrich Mill on February 3, 1914. The agreement also included an option to purchase Lots 6 and

7 (M-20). Caledonia Silver Mining Company apparently never exercised this option, as the 1920 tax roll listed Paul Hahnewald as the owner of the property.


In a treasurer's deed dated April 22, 1932, Agnes Hamilton, as Storey County Treasurer, conveyed Lots 3 through 10, Block 6, Range C (Lots 3 through 10), to Sutro Tunnel Coalition, Inc. (M-21). Sutro Tunnel Coalition, Inc., was listed as the owner of Lots 3 through 10 on the tax roll in 1935, 1945, 1955, 1965, and 1975. A survey map filed August 6, 1980 stated that Sutro Tunnel Coalition, Inc. was the owner of Lots 5-9, Block 6, Range C (see Map 15). Surveys filed April 22, 1986, and May 15, 1986 describe Sutro Tunnel Company as the owner of parcel B, a portion of Lots 5-6, and parcels C and D, in Lots 6-9, Block 6, Range C (see Map 13) (Map 14).

On November 26, 1986, Sutro Tunnel Coalition, now known as Sutro Tunnel Company, conveyed parcel C, being a portion of Lots 6-8, Block 6, Range C, to James B. Schryver (M-22). No subsequent deed from Schryver for this property was located. Schryver signed this deed as president of Sutro Tunnel Company.

Sutro Tunnel Company, formerly Sutro Tunnel Coalition, Inc., conveyed parcels B-1 and B-2, each described as a portion of Lots 5 and 6, Block 6, Range C, to Robin Elizabeth Cobbey on June 21, 1989 (M-23) (M-24).

On December 4, 1989, Sutro Tunnel Coalition, now known as Sutro Tunnel Company, conveyed parcel C, described as a portion of Lots 6 and 7, to Susan Callahan (M-25). Susan Callahan conveyed a portion of parcel C, described as a portion of Lots 6 and 7, to Susan P. Samuels Callahan, formerly Susan P. Samuels, and Ann Kathleen Webber, as co-trustees of the Frank W. Samuels Survivor's Trust, on December 13, 1989 (M-26).

CURRENT ASSESSED OWNERS

<u>Parcel No.</u>	<u>Owner</u>
02-101-09 (Parcel C)	Susan P. Samuels Callahan and Ann Kathleen Webber, Trustees 

The title abstract and title tree for the Petaluma Millsite follow. The title documents are contained in Attachment XII.

PETALUMA MILLSITE

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
02-27-1863	Deed	John Fritsch N.O. Stafford William Zartman	Columbus Tustin	Undivided 1/3 interest in Petaluma Mill Company's Quartz Mill and lot, north of Barnes Hotel, lot measuring 117 feet by 200 feet	03-31-1863	Storey Deeds K	543-545	(M-1)
01-01-1864	Quitclaim Deed	C. Tustin.	A.L. Greeley	Undivided 1/3 interest in Petaluma Mill Company's Mill and lot measuring 117 feet by 200 feet, north of Barnes Hotel	01-22-1864	Storey Deeds V	380-381	(M-2)
01-01-1864	Mortgage	A.L. Greeley	Columbus Tustin	Undivided 1/3 interest in Petaluma Mill Company's Lot and Mill, as described above	01-18-1864	Storey Mortgage C	598-600	(M-3)
10-01-1864	Release of Mortgage	Columbus Tustin	A.L. Greeley	(Releases M-3)	10-24-1864	Storey Mortgage D	413-414	(M-4)
06-16-1865	Quitclaim Deed	A.L. Greeley	Petaluma Mill & Mining Company (CA corp.)	Petaluma Quartz Mill and lot measuring 117 feet by 200 feet, north of Barnes Hotel	06-21-1865	Storey Deeds Z	229-230	(M-5)
08-18-1866	Deed	Petaluma Mill and Mining Company, by A.L. Greeley, Pres.	Thomas Jones	Petaluma Company's Quartz Mill and lot north of Barnes Hotel, measuring 117 feet by 200 feet	08-22-1866	Storey Deeds 26	569-570	(M-6)
06-01-1867	Deed	Thomas Jones	A.L. Greeley	Petaluma Company's Quartz Mill and lot north of Barnes Hotel, measuring 117 feet by 200 feet	06-04-1867	Storey Deeds 27	411-412	(M-7)

PETALUMA MILLSITE (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
06-01-1867	Deed	A.L. Greeley	F.A. Tritle J.W. Mackay J.M. Walker	Petaluma Mill Company's Quartz Mill and lot north of Barnes Hotel, measuring 117 feet by 200 feet	06-04-1867	Storey Deeds 27	412-414	(M-8)
10-29-1867	Deed	J.M. Walker (1/3 interest) F.A. Tritle (1/12 interest) John W. Mackay (1/12 interest)	William Sharon	Undivided 1/2 interest in Petaluma Mill and lot, and other property (J.C. Flood signed as J.M. Walker's Attorney in Fact)	11-06-1867	Storey Deeds 28	323-325	(M-9)
05-07-1868	Deed	William Sharon	The Union Mill and Mining Company (CA corp.)	1/2 interest in Petaluma Mill and lot, other mills, and other property	05-19-1868	Storey Deeds 27 Lyon Co Deeds F	757-761 371-375	(M-10)
03-03-1870	Deed	Frederick A. Tritle	William Sharon	Undivided 1/4 interest in Petaluma Mill and land	03-04-1870	Storey Deeds 30	036-037	(M-11)
05-07-1870	Deed	William Sharon	John W. Mackay	Undivided 1/4 interest in Petaluma Mill and land	05-23-1870	Storey Deeds 30	163	(M-12)
12-18-1870	Deed	John W. Mackay	J.C. Flood W.S. O'Brien	Undivided 3/16 interest in Petaluma Mill and associated property including quicksilver	12-21-1870	Storey Deeds 30	435-436	(M-13)
12-18-1870	Deed	John W. Mackay	James G. Fair	Undivided 2/16 interest in Petaluma Mill and land	12-21-1870	Storey Deeds 30	436-437	(M-14)
04-30-1872	Deed	Union Mill and Mining Company (CA corp.), by William Sharon, Pres., and James H. Dobinson, Sec.	Alvinza Hayward John P. Jones	Undivided 1/2 interest in Petaluma Mill and land including quicksilver	05-09-1872	Storey Deeds 32	120-121	(M-15)

PETALUMA MILLSITE (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
03-07-1873	Quitclaim Deed	James C. Flood W.S. O'Brien James G. Fair John W. Mackay	Alvinza Hayward John P. Jones	Undivided 1/2 interest in Petaluma Mill and land	04-01-1873	Deeds 33	285-287	(M-16)
12-28-1874	Deed	Alvinza Hayward	Union Mill and Mining Company (CA corp.)	Undivided 1/2 interest in Petaluma Mill and land, and other millsites	01-02-1875	Lyon Deeds H Story Deed 36	166-171 6-13	(M-17)
- 1875 -	Tax Roll		Petaluma Mill and Mining Company	Lots 6-7, Block 6, Range C				
- 1878 -	Tax Roll		Petaluma Mill and Mining Company	Lots 6-7, Block 6, Range C				
- 1880 -	Tax Roll		Petaluma Mill and Mining Company	Lots 6-7, Block 6, Range C Lot 7, Block 3, Range B				
- 1885 -	Tax Roll		Petaluma Mill and Mining Company	Lots 6-7, Block 6, Range C Lot 7, Block 3, Range B				
- 1890 -	Tax Roll		Petaluma Mill and Mining Company	Lots 6-7, Block 6, Range C				
- 1900 -	Tax Roll		Conway					
- 1910 -	Tax Roll		Gold Cañon Mill Co. Mrs. Pat Conway Storey Co. Treas.					
07-21-1903	Tax Deed	J.A. Comboie, Treasurer and Ex-Official [sic] Tax Receiver of Storey County	J.A. Comboie, Storey County Treasurer	Petaluma Mill; Lots 6-7, Block 6, Range C	12-23-1903	Storey Deeds 55	128-132	(M-18)

PETALUMA MILLSITE (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
01-28-1911	Tax Deed	Storey County Treasurer	B. Paul Hahnewald	Lot 6, Block 6, Range C and other property (assessed to Gold Cañon)	01-24-1912	Storey Deeds 57	073-075	(M-19)
02-03-1914	Agreement	B. Paul Hahnewald	Caledonia Silver Mining Company (CA corp.) by: R.L. Rader, Pres. Geo. P. Thurston, Sec.	Option to purchase Lots 5-9 and part of 10, Block 6, Range C, and other property containing the Dietrich Mill	02-06-1914	Storey Misc. R	061-063	(M-20)
- 1920 -	Tax Roll		Paul Hahnewald					
04-22-1932	Treasurer's Deed	Agnes Hamilton, Storey County Treasurer	Sutro Tunnel Coalition, Incorporated (NV corp.)	Lots 26-27, and part of 25, Block 5, Range C, Lots 3-10, Block 6, Range C	05-18-1932	Storey Deeds 61	029-030	(M-21)
- 1935 -	Tax Roll		Sutro Tunnel Coalition, Incorporated	Lots 3-10, Block 6, Range C				
- 1945 -	Tax Roll		Sutro Tunnel Coalition, Incorporated	Lots 3-10, Block 6, Range C				
- 1955 -	Tax Roll		Sutro Tunnel Coalition, Incorporated	Lots 3-10, Block 6, Range C				
- 1965 -	Tax Roll		Sutro Tunnel Coalition, Incorporated	Lots 3-10, Block 6, Range C				
- 1975 -	Tax Roll		Sutro Tunnel Coalition, Incorporated	Lots 6-7, Block 6, Range C				
06-06-1980	Survey	Walter G. Reid, R.L.S. 235	Sutro Tunnel Coalition, Inc. (owner), by James B. Schryver, Pres.	Lots 5-9, Block 6, Range C	Filed 08-06-1980	Survey 47398		See Map No. 16

PETALUMA MILLSITE (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
04-01-1986	Survey	Greg Hess, R.L.S. 3921	Sutro Tunnel Company (owner), by James B. Schryver, Pres.	Parcel B, a portion of Lots 5-6	04-22-1986	Survey 57850		See Map No. 17
04-18-1986	Survey	Greg Hess, R.L.S. 3921	Sutro Tunnel Company (owner), by James B. Schryver, Pres.	Parcels C and D, in Lots 6-9, Block 6, Range C	05-15-1986	Survey 57950		Map No. 18
11-26-1986	Deed	Sutro Tunnel Coalition, now known as Sutro Tunnel Company, by James B. Schryver, Pres.	James B. Schryver (unmarried man)	Parcel C, being a portion of Lots 6-8, Block 6, Range C	12-01-1986	Storey Off Rec 55	434	(M-22)
06-21-1989	Deed	Sutro Tunnel Company (NV corp.), by M. Jay Allison, President, Robert L. Cook, Vice President/Secretary	Robin Elizabeth Cobbey (unmarried woman)	Parcel B-2 on Parcel Map No. 47398 (Storey Map No. 57850), which is a portion of Lots 5 and 6, Block 6, Range C	07-07-1989	Storey Off Rec 71	481	(M-23)
06-21-1989	Deed	Sutro Tunnel Company (NV corp.), by M. Jay Allison, President, Robert L. Cook, Vice President/Secretary	Robin Elizabeth Cobbey (unmarried woman)	Parcel B-1 on Parcel Map No. 47398 (Storey Map No. 57850) which is a portion of Lots 5 and 6, Block 6, Range C	07-07-1989	Storey Off Rec 71	482-283	(M-24)
12-04-1989	Deed	Sutro Tunnel Coalition, now known as Sutro Tunnel Company, by Robert L. Cook, Vice President and M. Jay Allison, President	Susan Callahan (unmarried woman)	Parcel C, being a portion of Lots 6-7	12-20-1989	Storey Off Rec 74	597-598	(M-25)

PETALUMA MILLSITE (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
12-13-1989	Deed	Susan Callahan (unmarried woman)	Susan P. Samuels Callahan, formerly Susan P. Samuels, and Ann Kathleen Webber, co- trustees of Frank W. Samuels Survivor's Trust	Portion of Parcel C, being a portion of Lots 6-7	12-20-1989	Storey Off Rec 74	605-606	(M-26)
- 1992 -	Tax Roll		Robin Cobbey	Parcel 02-081-13				

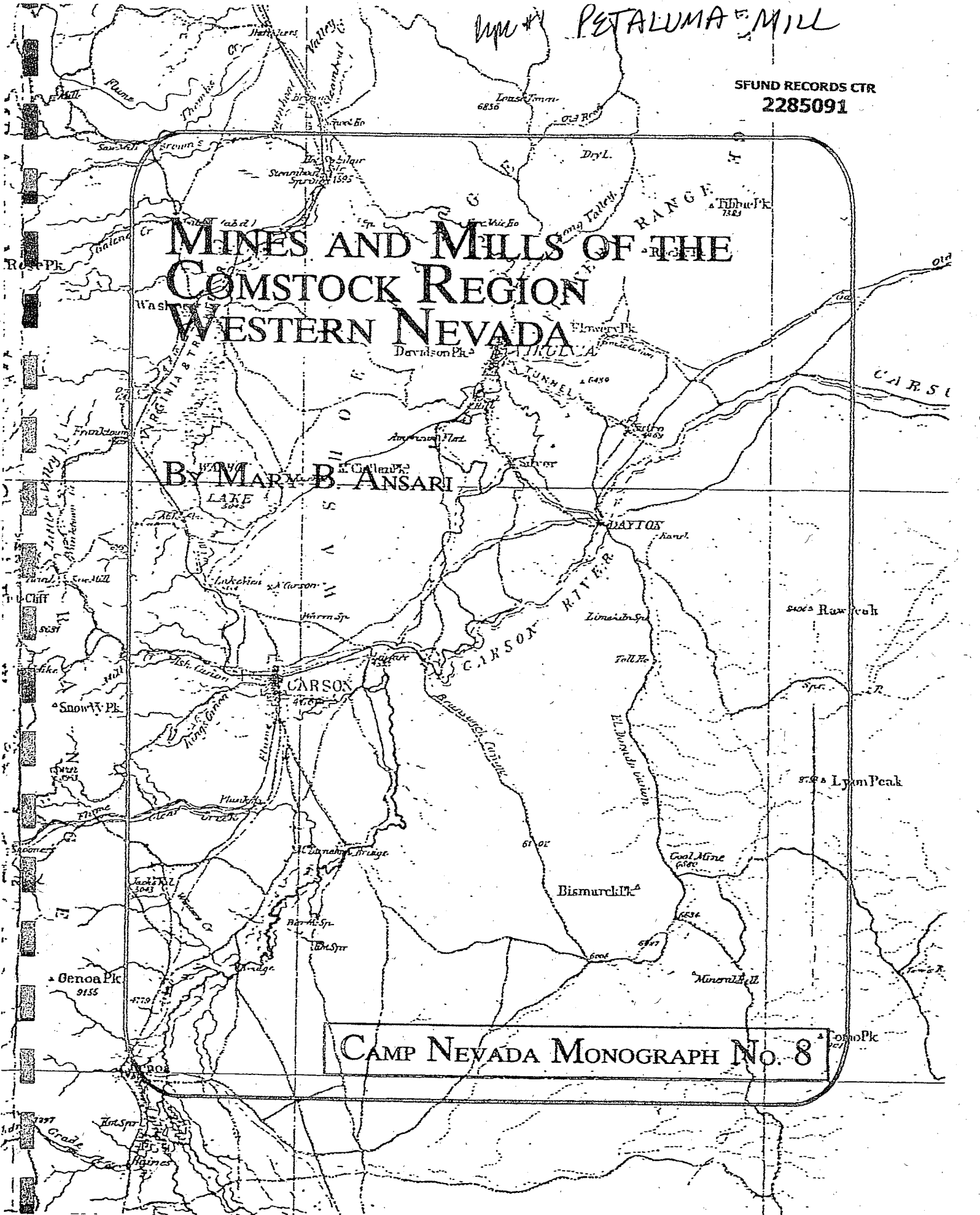
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MINES AND MILLS OF THE COMSTOCK REGION WESTERN NEVADA

By MARY B. ANSARI

CAMP NEVADA MONOGRAPH No. 8



20 tons, and 12 employees. In the early 1870s it was listed as having 15 stamps and a 40-ton-a-day capacity and running on ore from the Crown Point Mine. It was reported to still be operating in the early 1880s (Comp, 1980; GHN, 1864, Apr. 5, 3:1; 1865, June 27, 3:2; Kelly, 1862, 173; 1863, 311; Lord, 1883, pl. 3; SMR, 1871-72, 138).

Petaluma Mill: Sizeable mill constructed in 1862 in Gold Canyon west of Twin Peaks. It stood adjacent to the Sapphire Mill. In 1865 the *Gold Hill News* described it as having a 20 horsepower steam engine using 2 3/8 cords of wood per day, 8 stamps, 18 pans, a 12-ton-a-day capacity, and 8 employees. In the 1866 *State Mineralogist's Report* it was reported to have expanded to 16 stamps and a capacity of 26 tons per day. In the early 1870s it was milling ore from the Crown Point Mine and had 24 stamps with a 75-ton-per-day capacity. It was reported to have shut down in the mid-1870s. Some sources indicate that it was dismantled and moved to Bodie, California in 1880 whereas other sources report that the mill remained on the Comstock and operated during the 1880s (Comp, 1980; GHN, 1865, June 27, 3:2; Kelly, 1863, 311; Lord, 1883, pl. 3; SMR, 1866, 148; 1871-72, 138).

Gerard, Fourcherie & Co. Mill: This mill received a lot of publicity because it was constructed on a different principle from any mill in the state. It was erected in 1865 near the Sapphire Mill. No stamps were used, but instead it employed a crusher capable of grinding rocks the size they were when taken from the mine. It was heralded as being much less expensive to operate than stamp mills of the same capacity. In fact, it was supposed to be so efficient that only seven men were required to process 40 tons a day. The mill was housed in a three story building. No further mention of the mill was found after 1865 (GHN, 1865, Aug. 19, 3:2; 1865, Oct. 4, 2:4).

Douglas Mill: Originally known as the Centerville Mill, this mill was built in the early 1860s about 1/2 mile below Gold Hill. In 1862 its main building was reported to measure 52 x 60 feet. The *Gold Hill News* in 1865 described it as having a 24 horsepower engine using 4 cords of wood per day, 10 stamps, 24 pans, a 15-ton-a-day capacity, and 10 employees. In the early 1870s it was listed as having 15 stamps and a capacity of 30 tons a day. At that time it was running on ore from the Empire and Gold Hill mines. The mill may have been operating as late as the late 1880s. Stone foundations remain (Bancroft, 1862, map; Comp, 1980; GHN, 1865, June 27, 3:2; Kelly, 1862, 172; SMR, 1871-72, 138).

Atlas Mill: Sizeable reduction establishment which was located due southeast of the Caledonia New Hoisting Works at a point approximately 3/4 mile below Gold Hill. In 1865 it was reported to be a 15-stamp mill owned by Seale and Anderson possessing a 45 horsepower engine running on 5 cords of wood per day, 8 amalgamating pans, 11 employees, and a capacity of 26 tons in 24 hours. In the early 1870s it had 15 stamps, could crush 45 tons a day, and was milling ore from the Savage Mine. It appears that this mill was earlier known as the Seales & Anderson Mill, which was a 5-stamp mill built in 1862 (Collins, 1864-65, 247; GHN, 1864, Sept. 30, 3:2; 1865, June 27, 3:2; SMR, 1866, 148; 1871-72, 138; SCR, Mining Locations, 1876, v.B, 493, sketch map).

Piute Mill: Twenty-stamp mill built in 1864 approximately 3/4 mile below Gold Hill to process ore from the Piute claim in Gold Hill. In 1865 it had an 80 horsepower steam engine running on 5 cords of wood a day, 10 Hepburn pans for amalgamation, a 30-ton-a-day capacity, and 11 employees. In the early 1870s its capacity was reported to be 50 tons a day, but it was not operating (GHN, 1864, Sept. 30, 3:2; 1865, June 27, 3:3; Parkinson, 1874, map; SMR, 1871-72, 138).

NAME	Motive Power.	Cords Wood p Day.	No. of Stamps.	Weight of Stamps.	No. of Pans.	Nature of Pans.	Cushing Capacity p Day Tons.
STOREY COUNTY.							
Atlas.....	steam	4 1/2	15	600	8	Hepburn	23
Atwood.....	"	4 1/2	16		26-2	Knox, Wheeler	20
Bay State.....	"	6	23		14	Wheeler	35
Bower's.....	"	4	20	10-600 10-700	30	Knox	25
Central.....	"	8	13		4	Hepburn	12
Crown Point.....	"	5	8	500	8	Knox	8
Comet.....	"	4 1/2	16				20
Douglas.....	"	4	10	650	26	Plain	16
Eclipse.....	"	4	15		8	Hepburn	25
Empire, No. 1.....	"	5 1/2	21	650	29		30
Empire, No. 2.....	"	8	16	650	12	Wheeler	32
Empire State.....	"	5	15		20-2-2	Knox, Wheeler, Hepburn	16
Gold Hill.....	"	3	14	8-600 6-750	24	Knox	17
Granite.....	"						
Gould & Curry.....	"	20	80		39-3	Hepburn, Varney	100
Hoosier State.....	"	3 1/2	8	750	24	Knox	12
Imperial.....	"	6	44	600	74	Knox	?
Land's.....	"	5 1/2	20		10	Wheeler	30
Mariposa.....	"	4	12		2-6	Knox, Wheeler	15
Marysville.....	"	5	9		30	Plain	18
Ogden.....	"	6	22		12	Wheeler	20
Pacific.....	"	8	30	650	15	Wheeler	50
Petaluma.....	"	3 1/2	16	700	18	Knox	26
Piute.....	"	5 1/2	20	650	12	Hepburn	30
Rhode Island.....	"	8	25	650	13-8	Knox, Hepburn	40
Rigby's.....	"	4	10		5	Varney	12
Rogers'.....	"	3 1/2	8				12
Sapphire.....	"	5	16	750	56	Knox	28
Simcoe.....	"	5	16		8	Tubs, Wheeler, Hepburn	25
Stevenson's.....	"	2 1/2	8	500	10	Knox	10
Succor.....	"	6	20				26

REMARKS.
PETALUMA MILL

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Summit.....	"	6	20	625	11-1	Wheeler, Varney	35
Union.....	"	2 1/2	14	10-650 4-500	14		14
Winfield.....	"	5	18		8	Hepburn	30
LYON COUNTY.							
Birdsall & Carpenter.....	water	2	30	650	20	Wheeler	55
Bacon.....	steam	6	20	650	17	Wheeler	30
Bartolo.....	"	3	8	550	8	Knox	9
Cole & Co.....	"	3	5	480	4	Wheeler	8
Devil's Gate.....	"	5	8	900	10	Hepburn	14
Daney.....	"	6	15	550	15	Wooden Tubs	20
Dayton, No. 1.....	water	1	20	500	6	Wheeler	20
Dayton, No. 2.....	steam	6	15	800	8	Varney	15
Eagle.....	water		5	400	2	Knox	15
Eastern Slope.....	steam	5 1/2	16	800	6	Hepburn	20
Excelsior.....	"	3	10	650	18	Knox	18
Eureka.....	water		20	650	8	Wheeler	22
Franklin.....	"	4	10	600	8	Knox	12
Golden Eagle.....	steam	9 1/2	10	850	25	Tubs	13
Illinois.....	"	5	20	400	5	Hepburn	20
Island.....	"	2	19	650	11	Tubs	14
Lindauer & Co.....	st'm & water	2 1/2	15	480	10	Wheeler	20
Metallurgical Works.....	steam	5	15	700	6	Wheeler	16
Monitor.....	water		5	450	2	Wheeler	3
New York & Nevada.....	steam	5 1/2	20	550	17	Hepburn	25
Ophir.....	st'm & water	2 1/2	24	600	15	Hepburn	35
Pioneer.....	steam	6	15	700	15	Tubs and Wheeler	20
Phoenix, No. 1.....	"	6	15	650	8	Tubs and Wheeler	19
Phoenix, No. 2.....	"	7	20	534	34	Tubs	28
Palmyna.....	"	4 1/2	10	650	12	Tubs	15
Rock Point.....	st'm & water	2 1/2	56	550	50	Tubs and 6 Hepburn	60
Sparrow & Trench.....	steam	6	20	600	19		25
Sherman & Co.....	water		6	400	2		4
Swansea.....	steam	6	14	900	22	Tubs	20
Smith, D. L.....	water		5	450	4	Tubs	4
Sacramento.....	steam	5	12	750	12	Tubs	18
San Francisco.....	st'm & water	3	10	650	7	4 Tubs and Wheeler	14
Weston & Co.....	steam	4	15	550	9	Wheeler	14
Weston & Co.....	water		10	450	8	Tubs	11

Dismantled.

One of these Mills destroyed by fire during 1866.

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Tabular list of mills crushing ore from mines

on the Comstock lode during the year 1866.

PETAUMA MILL

Names.	Owners.	Location.	When built.	Estimated cost.	Assessed value.	Horse power.	Horse power.	STAMPS.			WHEELS.		WATER.		WOOD.		
								Number.	Weight, pounds.	Drop in inches.	Drops per minute.	Kind.	Diameter, feet.	Fall, feet.	Amount, inches.	Cords per day.	Cost per cord.
STOREY COUNTY.																	
Atlas.	Haggin & Tevis.	Lower Gold Hill.	1861	\$35,000	\$21,000	36	15	600									
Atwood's.	George Atwood.	Flowery (Six Mile-Creek).		35,000	20,000		16									4	\$13
Bay State.	Bay State Mill Co.	American Flat.		40,000	24,000		23									4	
Bowers.	L. S. Bowers.	Crown Point Ravine, (G. H.)		100,000	15,000		20	{ 10-600 } { 10-700 }	9	70						6	
Central.	J. B. Dickenson.	Virginia.		75,000	31,000		13									4	14
Crown Point (1).	Crown Point G. & S. M. Co.	Crown Point Ravine, (G. H.)	1862	40,000	20,000		8	500	9	70						8	
Comet (1).	New York & Nevada M. Co.	Gold Hill.		40,000	25,000	35	10									5	14
Douglas (1).	C. S. Wheeler.	Lower Gold Hill.	1862	40,000	12,000		10									4	14
Eclipse.	Eclipse M. & M. Co.	Gold Hill.		50,000	12,000		10	650	8	78						4	14
Empire State.	Wm. Sharon, Agent.	Seven Mile Cañon.		35,000	8,000		15									4	14
Empire No. 1 (1).	W. S. Hobart.	Virginia.	1860	75,000	12,000		15									5	
Empire No. 2 (1).	Empire M. & M. Co.	Lower Gold Hill.	1860	80,000	20,000		60	650	9	80						5	15
Gold Hill.	Gold Hill Q. M. & M. Co.	Gold Hill.	1860	30,000	20,000		16	650	9	80						8	14
Gould & Curry.	Gould & Curry M. Co.	Seven Mile Cañon.		30,000	20,000	45	14	{ 6-750 } { 8-600 }	7	84						3	14
Hoosier State.	Clark & Hearst.	Virginia.	1862	380,000	305,000		80									20	
Imperial.	Imperial S. M. Co.	Lower Gold Hill.	1860	40,000	14,724		20	750	9	70						3	14
Laur's.	Charles Land.	Seven Mile Cañon.		75,000	20,000	60	44	600	8							34	14
Mariposa.	J. V. McCurdy.	do.		60,000	25,000		20									6	14
Marysville (1).	O'Neale, Rule & Glasier.	Lower Gold Hill.		20,000	10,000		(1) 12									5	
Ogden.	O. S. Carvill.	Virginia.		50,000	19,000		9									4	
Pacific.	Sharon & Co.	Lower Gold Hill.	1863	50,000	24,000		22									5	
Petaluma (1).	Greely Bros.	do.		75,000	25,000		30	650	10	72						6	
Pike's.	M. Livingston.	do.		30,000	12,000		30	700								8	
Rhode Island.	Crown Point G. & S. M. Co.	Gold Hill.	1863	80,000	41,000		60	650	10	80						3	14
Rigby's (1).	Rigby & Co.	American Flat.	1862	100,000	45,000	(1) 150	25	650	10	80						5	14
Rogers's (1).	Rogers S. M. Co.	Seven Mile Cañon.		25,000	10,000		10									8	
Sapphire.	W. S. Hobart.	Lower Gold Hill.	1862	25,000	10,000		8									4	
Simcoe.	A. Bassett & Co.	Seven Mile Cañon.	1861	60,000	20,000	45	16	750	9	80						3	
Stevenson's (1).	C. C. Stevenson.	Gold Hill.		35,000	15,000		16									5	13
Succor (1).	O'Neale, Rule & Co.	Lower Gold Hill.	1860	15,000	6,000	(2) 8	8	500	6	76						5	
Summit.	Mason, Carville & Wright.	Virginia.	(1)	50,000	20,000		20									2	14
Union.	Wm. Kidd.	Gold Hill.	1861	25,000	10,000		20	625		70						6	
Winfield.	L. A. Booth.	Seven Mile Cañon.		80,000	10,000		14	{ 10-650 } { 4-500 }	10	60						2	14
Total.	33			2,000,000	633,700		18									5	
LYON COUNTY.																	
Bacon.	Low & Fair.	Silver City.	1863	\$85,000		60	20	720	10	75						8	\$1
Birdsall & Carpenter.	Birdsall & Carpenter.	Dayton.	1865	(1) 110,000			30	613	9	85						1	10
Cole & Co.	Cole & Co.	Johnstown.	1864	10,000			5	480	9	65		Overshot.	50			2	10
Confidence.	Confidence M. Co.	Silver City.	1861	35,000			35	900								5	
Dayton No. 1.	Winters, Rustell & Co.	Dayton.	1861	50,000			(1) 12									2	
Dayton No. 2 (1).	do.	do.	1864	40,000			20	600	10	75		2-central discharge	5 1/2	12	1,500	1	8 1/2
Davey.	Dancy M. & M. Co.	3 miles from Dayton.	1863	70,000			15	800	10	75						5	
Eagle.	do.	Silver City.	1864				15	550								1	
Eastern Slope.	Stevenson, Winters & Co.	Below Silver City.	1863	60,000			5	400				Overshot.	37		100	6	
Eureka.	Whooler, Hurd & Dunker.	Carson River, near Dayton.	1861	100,000			12	1,100	10	50						3	11
Excelsior.	John Briggs.	Johnstown.	1861	25,000			20	650				Turbine.			2,500	6	
Franklin.	Wm. Sharon, agent.	Carson River, near Dayton.	1861	50,000			40	650								2	
Gold Cañon Reduction Works.	Wm. Sharon, agent.	Silver City.	1861	40,000			10	600				Central discharge.			2,500	2	
Golden Eagle.	O'Neale, Rule & Co.	Carson River, near Dayton.	1861				30	700	9	75						6	12
Illinois.	Wm. Sharon, agent.	do.	1864	30,000			40	850								3	
Imperial (Rock Pt).	Imperial M. Co.	do.	1861	250,000			30	400								5	10
Island.	O'Neale, Rule & Co.	do.	1862	40,000			50	56	{ 16-600 } { 10-550 }	8	80	2-Overshot.	{ 1-14 } { 1-13 1/2 }	14	3,600	6 1/2	10
Monitor.	Hirschman & Co.	Gold Cañon, near Dayton.	1865	6,000			25	720				Central discharge.	2 1/2	32	1,800	4	
Ophir (New).	Ophir S. M. Co.	Carson River.	1864	75,000			5	450								1	
Phoenix No. 1 (1).	Hentsch and Barton.	Below Silver City.	1861	40,000			24	650				Turbine.	32	32	1,200	4	
Pioneer (1).	Sheldon & Hickok.	Silver City.	1861	40,000			45	650								1	10
Sacramento (1).	Hunt, Woodruff & Co.	Johnstown.	1861	50,000			45	700								6	
San Francisco.	Charles Sched.	Carson River, near Dayton.	1861	40,000			40	750								5	
Swansea.	W. Sharon, agent.	Johnstown.	1862	60,000			30	650				Central discharge.	10		1,100	3	
							12	900								5	

Tabular list of mills crushing ore from mines on the *Chesapeake* lode during the year 1866—Continued.

Names.	Owners.	Location.	When built.	Tons capacity.	Miles from mine.	Cost of water per month.	Tubs.	PANS.				Settlers.	Agitators.	Breakers.	Grinders.	Crushing capacity per month, tons.
								Knox.	Wheeler.	Hepburn.	Varney.					
STOREY COUNTY.																
Atlas	Haggin & Tevis	Lower Gold Hill	1861	23	1	\$250				8		4				750
Atwood's	George Atwood	Flowery (Six Mile Creek)		20	4			20	2			2				1,000
Bay State	Bay State Mill Co	American Flat		35	9	250			14			7				750
Bowers	L. S. Bowers	Crown Point Ravine, (G. H.)		25	3	100		(2)	30		(3)	4				670
Central	J. B. Dickenson	Virginia		12	0	100								1		250
Crown Point (1)	Crown Point G. & S. M. Co.	Crown Point Ravine, (G. H.)	1862	8	0	75	6	8								600
Comet (1)	New York & Nevada M. Co.	Gold Hill		20	0	350								1		415
Douglas (1)	C. S. Wheeler	Lower Gold Hill	1863	16	1	75						4				700
Eclipse	Eclipse M. & M. Co.	Gold Hill		25	0	300										700
Empire State	Wm. Sharon, agent.	Seven Mile Cañon		15	3			(1)	20	2						900
Empire No. 1 (1)	W. S. Hobart	Virginia	1860	30	1	300				12		6				1,600
Empire No. 2 (1)	Empire M. & M. Co.	Lower Gold Hill	1860	33	1	300										475
Gold Hill	Gold Hill Q. M. & M. Co.	Gold Hill	1860	17	3	225	(1)	5	24			21				3,500
Gould & Curry	Gould & Curry M. Co.	Seven Mile Cañon		100	3					39	3					400
Hoodier State	Clark & Hearst	Virginia	1862	13	1	200	(1)	24						2		1,100
Imperial	Imperial S. M. Co.	Lower Gold Hill	1860	30	3	300		74	10			5		(B)	1	1,000
Land's	Charles Land	Seven Mile Cañon		30	3				6			(2)	3			600
Mariposa	J. V. McCurdy	do		15	3	150		2								500
Marysville (1)	O'Neale, Rule & Glasier	Lower Gold Hill		18	1	75						4				1,000
Ogden	O. S. Carvill	Virginia		20	1				12			(1)	5			1,305
Pacific	Sharon & Co.	Lower Gold Hill	1863	50	10	400			15				4			300
Petaluma (1)	Greely Bros.	do		12	1	150		18				(1)	6			1,200
Plate	M. Livingston	do	1863	40	12	300							4			1,350
Rhode Island	Crown Point G. & S. M. Co.	Gold Hill	1862	50	12	400	(2)	13		8		4		2	1	400
Rigby's (1)	Rigby & Co.	American Flat		12	2	150										360
Rogers (1)	Rogers S. M. Co.	Seven Mile Cañon	1862	12	3							2		1	(1)	850
Sagebrush	W. S. Hobart	Lower Gold Hill	1861	28	1	250		56	(1)	4		3				700
Simcoe	A. Bassett & Co.	Seven Mile Cañon		25	3		2		10	(3)	1					150
Stevenson's (1)	C. O. Stevenson	Gold Hill	1860	5	3	30					2		1		1	600
Succor (1)	O'Neale, Rule & Co.	Lower Gold Hill		26	3	150										900
Summit	Mason, Carville & Wright	Virginia	(1)	35	1	300			11		(2)	1				400
Union	Wm. Kidd	Gold Hill	1861	14	1	200	14			8		4		(B)	1	1,000
Winfield	L. A. Booth	Seven Mile Cañon		30	3											26,820
Total	33			846	48	5,380	27	305	91	93	9	101	17		4	8
LYON COUNTY.																
Bacon	Lowe & Fair	Silver City	1863	30	3				17			(2)	10		5	1,900
Birdsall & Carpenter	Birdsall & Carpenter	Dayton	1865	75	7				20				2			125
Cole & Co.	Cole & Co.	Johnstown	1864	5	5				4				3			650
Confidence	Confidence M. Co.	Silver City	1861	14	24						8	(2)	2	(3)	2	530
Dayton No. 1	Winters, Küstall & Co.	Dayton	1861	20	7			6					4		3	800
Dayton No. 2 (1)	do	do	1864	30	7						8					500
Daney	Daney M. & M. Co.	3 miles from Dayton	1863	20	0		\$15									40
Eagle	do	Silver City	1864	11	3			2				(1)	3		1	550
Eastern Slope	Stevenson, Winters & Co.	Below Silver City	1862	20	34					6			5		2	1,100
Eureka	Wheeler, Hurd & Dunker	Carson River, near Dayton	1861	22	6				10				1			330
Excelsior	John Briggs	Johnstown	1861	18	5											500
Franklin	Wm. Sharon, agent.	Carson River, near Dayton	1861	16	3		5		18	2						1,600
Gold Cañon Reduction Works	Wm. Sharon, agent.	Silver City	1861	25	3		(1)	7			6					
Golden Eagle	O'Neale, Rule & Co.	Carson River, near Dayton	1861	18	7				24				1			500
Illinois	Wm. Sharon, agent.	do	1864	18	7					6		(1)	2		3	2,400
Imperial (Rook Pt.)	Imperial M. Co.	do	1861	90	7		(1)	27		14			7		(B) (2)	1
Island	O'Neale, Rule & Co.	do	1862	19	7							8	3			500
Monitor	Hirschman & Co.	Gold Cañon, near Dayton	1863	3	7											75
Ophir (New)	Ophir S. M. Co.	Carson River	1864	40	74					12			6		1	1,200
Phoenix No. 1 (1)	Heitsch & Berton	Below Silver City	1861	20	3								4			550
Pioneer (1)	Sheldon & Hickok	Silver City	1861	23	24											530
Sacramento (1)	Hunt, Woodruff & Co.	Johnstown	1861	18	5										1	500
San Francisco	Charles Schad	Carson River, near Dayton	1861	14	6											600
Swansea	W. Sharon, agent.	Johnstown	1862	20	14		(1)	22				3				

month: October 15, 1866.

*Soon will be 1,200 per month.

†750 tons per month; October 15, 1866.
‡Now 2,800 tons.

PETALUMA MILL

NOTES ON MILLS.

STOREY COUNTY.

- Bowers* (1)—Paid this for 5 months only; has been idle four months; new running, with own water; (2) 5-foot pans.
- Central* (1)—To Virginia and Gold Hill Water Companies; also, pays \$— to Ophir Company.
- (2)—Hepburn and Peterson's, working 500 tons per month wet; four furnaces and six barrels, working 170 tons dry.
- Crown Point* (1)—Just dismantled; engine used to drain mine.
- Coinet* (1)—Been idle for seven months; just started again.
- Douglas* (1)—10-inch cylinder, 30-inch stroke, 26 plain pans.
- Empire No. 1* (1)—Increasing stamps to 21; capacity to be 40 tons per day; to employ 16 men, 27 Wakelee pans.
- Empire No. 2* (1)—Concentrators and two stamps for breaking.
- Empire State* (1)—4-foot pans.
- Gold Hill* (1)—6-foot tubs.
- Hoosier State* (1)—With steam chambers.
- Land's* (B)—Throughout the table designates Blake's breakers.
- Mariposa* (1)—Also one prospecting stamp; (2) large.
- Marysville* (1)—30 5-foot plain pans.
- Pacific* (1)—Large.
- Relatuma* (1)—Stamps being increased to 16; capacity to 26 tons per day; men to 11; wood to five cords; adding eight improved Wheeler pans, four settlers and one agitator.
- Prute* (1)—8-foot settlers.
- Rhode Island* (1)—18-inch cylinder; (2) 7-foot pans.
- Rigby's* (1)—One extra pan and settler for tailings and one barrel.
- Rogers's* (1)—Not running for four months.
- Saphira* (1)—Wheeler.
- Simcoe* (1)—Improved.
- Stevenson* (1)—8½-inch cylinder; (2) Howland's rotary battery; can crush seven tons and amalgamate five tons per day; (3) small.
- Succor* (1)—24 Wakelee flat-bottomed pans.
- Summit* (1)—Burnt and rebuilt in 1863; (2) small pan and settler.

LYON COUNTY.

- Birdsall* (1)—Mill, \$110,000; ditch, \$40,000; total, \$150,000.
- Carpenter* (2)—Large-sized Wheeler.
- Duxton No. 1* (1)—Four of these for prospecting; (2) 8-foot settlers; (3) Knox.
- Dayton No. 2* (1)—Two roasting furnaces.
- Eastern Slope* (1)—Large.
- Eureka* (1)—Break 80 tons per day.
- G. C. Reduction Works* (1)—5-foot pans.
- Imperial Rock Pt.* (1)—7-foot tubs and settlers; (2) breaker, large size.
- Phoenix No. 1* (1)—Eight tubs and Wheeler pans.
- Pioneer* (1)—15 tubs and Wheeler pans.
- Sacramento* (1)—12 7-foot iron pans.
- Sucansea* (1)—6-foot tubs and one prospecting battery and pan.
- Trench* (1)—16 flat 7-foot pans, one excelsior and two Wheeler and Randall pans.
- Weston's (Steam)* (1)—Worked but about 1,000 tons of Comstock ore this year; hauling about \$3 per ton.
- Weston's (Water)* (1)—Six flat-bottomed pans; has run but little this year for want of water.

ORMSBY COUNTY.

- Merrimac* (1)—Also, one prospecting battery and pan; (2) large.
- Mexican* (1)—Four furnaces and 10 barrels.
- ivian* (1)—Hanscom's.

WASHOE COUNTY.

- Manhattan* (1)—16 pans.
- Ophir* (1)—Working but 36 stamps—Freiberg process—nine furnaces.
- Reduction Works*—24 amalgamating barrels.
- Temelec* (1)—Large.
- Washoe Valley* (1)—Wheeler 12-foot breast; full capacity about 300 horse-power.
- Reduction Works*—40 stamps used for Freiberg process, and 20 for wet; eight furnaces and 20 barrels for dry process; four Wheeler and Randall's pans for wet; four more Varney pans to be introduced; (2) Blake's improved saw.

REPORT
OF
J. ROSS BROWNE
ON THE
MINERAL RESOURCES
OF THE
STATES AND TERRITORIES WEST OF THE ROCKY MOUNTAINS.

PUBLISHED BY H. H. BANCROFT & CO.,
SAN FRANCISCO, CALIFORNIA.
1868.

necessary to sink several hundred feet further to obtain the same. Powerful hoisting works have been erected at each one of the shafts. In No. 2 a large amount of water has been encountered. When pumps are allowed to stop it rises to within three hundred feet of surface. A large machine shop has been erected at Sutro for the manufacture of all the machinery to be used by the company. There is here a store supplied with everything necessary for use at the different works. These are issued as they are needed. The formations through which the tunnel has passed so far, are: for the first seven hundred and fifty feet, conglomerate; then trachyte three hundred and eighty feet; after this a belt of clay one hundred and fifty feet; and then comes one thousand seven hundred and fifty feet of porphyry; then three hundred and ten feet of trachyte. It is calculated that the tunnel will be completed to the Comstock lode in from two to two and a half years from the present time, providing no unlooked for obstacles are met with in the prosecution of the work.

MILLS.

The following list of quartz and tailing mills was made by Mr. George Fadden, County Assessor:

Name.	Situation.	Capacity, tons.	Stamps.	Condition.
Devil's Gate.....	Silver City.....	24	12	running
Pioneer.....	Silver City.....	30	15	running
Bacon.....	Silver City.....	40	20	running
Trench.....	Silver City.....	40	20	running
Horn.....	Silver City.....	20	10	running
Kelsey.....	Silver City.....	30	15	running
Golden Age.....	Silver City.....	10	5	running
Hope.....	Silver City.....	20	10	running
Excelsior.....	Gold Cañon.....	20	10	running
Sacramento.....	Gold Cañon.....	25	12	idle
Swansea.....	Gold Cañon.....	25	12	idle
Atlanta.....	Gold Cañon.....	20	10	running
Keystone.....	Gold Cañon.....	30	Tailings.	running
Bureka.....	Carson River..	120	60	running
Franklin.....	Carson River..	40	20	running
Woodworth.....	Carson River..	48	24	running
Island.....	Carson River..	20	10	idle
Carson Valley.....	Carson River..	300	Tailings.	running
Desert.....	Carson River..	25	Tailings.	running
Birdsall & Co.....	Dayton.....	300	Tailings.	running
Reservoir.....	Dayton.....	50	Tailings.	running
Rock Point.....	Dayton.....	112	56	idle
Spring Valley.....	Spring Valley..	20	10	running
Daney.....	Spring Valley..	30	15	idle

NEVADA

1871 & 1872

DEVIL'S GATE DISTRICT

Is situated in Gold Cañon. Silver City is about its central point. Mines here were worked several years ago, but for a long time were idle, and some of them abandoned. Work, however, has resumed here lately, and the prospects of this district never more encouraging than the present.

DAYTON.

This mine is located in Silver City, on the south side of the city. The old works on this mine are a tunnel, in which a shaft was sunk several hundred feet. A new shaft has been started, which has reached a depth of one hundred feet. New steam hoisting works are to be erected here in the Spring. Ore from this mine is extracted in sufficient quantity to keep the Atlanta Mill—ten stamps—constantly running. This is one of the earliest locations in the district. Nothing was done on this mine for a number of years. During the past Summer work was resumed—works cleaned out, and a new shaft commenced.

BUCKEYE.

This mine is located one mile east of Silver City, in Long's Ravine. It is also one of the old locations. Steam hoisting works have been erected here, but everything was abandoned, and nothing done for a long time. Two years ago work was resumed, and new steam hoisting works were erected. An incline is down a distance of six hundred feet. Two Horn and Hope, each ten-stamp, are supplied with ore from this mine. Water in considerable quantities is found, requiring an eight-inch pipe to keep the mine clear. This water is carried by flumes around to Silver City, and supplies the Bacon and Trench Mills.

COOK & GEYER.

This mine is located about three quarters of a mile north of Silver City. A great amount of work was done on it last Summer, and it has been kept here kept the Franklin Mill running. It has been idle for the last three months, but work will soon be resumed again.

DANEY.

This mine has been abandoned. Some good ore was here near the surface, and worked out years ago. Since that time hundreds of thousands of dollars have been expended in prospecting for other bodies of ore, but nothing of any consequence has been found. Work has been stopped and renewed again several times. During the excitement of the Spring the owners were again inspired with the hope of finding something in this mine, but after several months of work they have given up and will remove the hoisting works and other material of value.

PETARUMA MILL

MILLS.

I am indebted to Mr. Samuel Doake, of Virginia City, who has kindly prepared the following tabular statement of the mills in Storey County:

Name of Mill.	No. of Stamps.	No. tons per day.	Location.	Crushing Ore, from.
Station	5	.....	Gold Cañon.....	..... Empire, Gold Hill
one	5	15	Gold Cañon.....	..... Crown Point Croppings
Accor	15	25	Gold Cañon.....	..... Idle
Armsdale	2	5	Gold Cañon.....	..... Woodside
acific	30	70	Gold Cañon.....	..... Belcher
Appoose	5	14	Gold Cañon.....	..... Gold Hill Croppings
ute	20	50	Lower Gold Hill.....	..... Idle
uglas	15	30	Lower Gold Hill.....	..... Empire, Gold Hill
ilas	15	45	Lower Gold Hill.....	..... Savage
aluma	24	75	Lower Gold Hill.....	..... Crown Point
ophire	15	40	Lower Gold Hill.....	..... Crown Point
ode Island.....	25	50	Lower Gold Hill.....	..... Crown Point
old Hill Quartz.....	8	18	Lower Gold Hill.....	..... Idle, out of wood
nderland.....	10	25	Lower Gold Hill.....	..... Belcher
osier State.....	18	40	Virginia .....	..... Savage
erra Nevada.....	20	50	Virginia .....	..... Sierra Nevada
rans	5	13	7-Mile Cañon .....	..... Savage
ariposa.....	12	30	7-Mile Cañon.....	..... Hale & Norcross
eramento & Meredith.....	20	50	Cedar Hill .....	..... Idle
infield	20	50	7-Mile Cañon .....	..... Chollar
lantic	12	30	7-Mile Cañon .....	..... Idle
andy	20	50	7-Mile Cañon .....	..... Chollar
lands	15	35	6-Mile Cañon.....	..... Idle
evada	20	50	Virginia .....	..... Chollar
pire State.....	15	40	6-Mile Cañon.....	..... Idle
rk & Bowie, No. 1.....	.....	.....	6-Mile Cañon.....	..... Tailing Mill
rk & Bowie, No. 2.....	.....	.....	6-Mile Cañon.....	..... Tailing Mill
cidental	20	50	Silver Star Dist.....	..... Tailing Mill
dy Bryan.....	10	.....	6-Mile Cañon.....	..... Idle
Total, 29 mills.....	399	1,001		

WASHOE COUNTY.

This county is north of Ormsby. It takes its name from a tribe of Indians who inhabit the western portion of the State. A few mining districts have been organized within its boundaries, at different times, but none of them have ever been a source of much profit. The wealth of this county consists chiefly in its agricultural resources and timber lands. Formerly, the streams of water flowing from the cañons in the Sierras into Washoe Valley were made available for milling purposes, in reducing the ores from the Comstock; and at one time no less than ten mills, having an aggregate of two hundred and eighty-one stamps, were in active operation in this county—some of these, moreover, were of the largest size, and first-class in all their appliances. The Ophir Company's mill, of seventy stamps capacity, and built at a cost of a half million dollars, and Dall's Mill at Franktown, having sixty stamps, were among

the first mills in the State. Since the completion of the Truckee Railroad, however, ore can be delivered so much cheaper to the mills on the Carson River, that with the exception of the Truckee Mill, near Reno, and one or two tailing mills in Washoe Valley, nearly all these mills have been dismantled and abandoned.

RENO

Is the county seat, and is situated on the line of the Central Pacific Railroad. From this point all supplies used in the southwestern section of the State are forwarded, as well as to Douglas, Ormsby, Lyon, and Storey Counties. It is pleasantly located on the banks of the Truckee River, and has many natural advantages for maintaining itself as a prosperous town.

WADSWORTH

Is situated thirty-five miles further east, on the line of the railroad. There are located here the repair and machine shops for the Truckee division of the Central Pacific Railroad. From this point freight is shipped to Belmont, Ellsworth, and Columbus; and all the soda and borax obtained in Churchill and Esmeralda Counties are forwarded to this place for shipment to the markets.

WASHOE CITY,

Formerly the county seat, Ophir, and Franktown, since the decline of milling enterprises in this county, are not so flourishing as they were some years ago.

The following interesting description of the agricultural and other resources of this county has been condensed from the columns of the *Nevada State Journal*, a well edited weekly newspaper published at Reno.

It may be said that Washoe County embraces an area of one thousand five hundred square miles and that of this extent not less than eight hundred to one thousand square miles will ultimately be found valuable for agricultural and grazing purposes. We think we are speaking within proper bounds of truth, for, in fact, it is difficult to say what noticeable portion of the entire county is not to a greater or less extent fit for grazing. Of the fine arable land (by which we mean land so situated, of proper richness, that crops may be raised by irrigation) we think that there are between three hundred and four hundred square miles. Notwithstanding the rather extensive reclamation and cultivation of lands in Washoe Valley and Truckee Meadows, we do not believe that one fourth of our arable lands have been yet tested for anything like their reasonable capacity for farming operations. The surface of the county alternates in mountain range, valley, hill, and lake. The eastern range of the Sierra Nevada Mountains were years ago clothed from valley to summit with forests of excellent timber. Since then, great inroads have been made among these trees for the procuring of lumber, mining timber, and wood, but enough yet remains in the southwestern portion of the county to form an extensive source of supply for the same purposes, and all accessible labor and capital. The extreme southwest corner of the county is found within the limits of the remarkable and beautiful Lake Tahoe.

large ledge of solid quartz at a greater
rday we saw at McDonald & Co's
five two gold and silver bricks, val-
\$10,900. They were extracted from
more ore, worked at the Lincoln mill
the result of five days' straining,
by far the richer portion of the
n in the battery. Many more quartz
re wanted to work our mines.
quartz could be taken out of those
ing worked to supply double the
of stamps running in Owyhee.
are a great number of rich mines
at will remain idle next summer be-
the scarcity of means for working

MONTANA.

FEB. 1st. The indications are that
w. Creek mines at Radersburg, will
very mining camp in the spring.
re several tributary gulches where
y is found, and the bars prospect
About 2,000 claims are recorded.
itches, it is thought, will supply all
er required. Two of these are al-
ompleted, the third will be by the
June. The diggings are generally
y, but on Johnny and Charlie gulches
ound is deeper, and several compa-
drifting this winter. It is believed
good even pay over a large extent
hes and bars, and prospecting is go-
quite briskly.

Union mill has received a gold brick
ag 240 ozs. as the result of a seven
in with 25 stamps.

en hundred ozs. of bullion were re-
from the Esler, Argenta, Smelting
on Tuesday evening. The bullion
cipally silver, but having been re-
from top quartz, contains some gold.

Phillipsburg correspondent writes:
t tunnels have been commenced, two
gat different angles on the Camanche
ne under the Cliff Hill and one upon
Louis Mill Co's mill site near the
portion of Phillipsburg, intended to
Cordova lode, and for discovery pur-
The work upon the former is in

ss. The St. Louis Mining Co's mill,
be holidays, has not disturbed our
slumbers. Old quartz men pre-
at much the largest average runs will
le from the Cable rock yet made in
ritory. Another mill will be placed
Alexandria lode in the spring.

arber, writing to Mr. Byam of Vir-
gives the following, concerning op-
s at Argenta. The Esler smelting
pel works are running satisfactorily.
re being smelted from several differ-
ds, and all are paying. I was at the
e a few evenings since, when a 70-lb.
of silver was taken out. To-night, or
row, a very large piece will be taken
there is 10,000 lbs. of rich lead in
urge. Another cupola is being erected
as possible, and it is the intention to
e after another until there are five in
w—the same power for furnishing a
eing adaptable to all. The second
e has been let out to contractors for
Mr. Esler furnishing the material.

NEVADA.

Rock.

ginia *Enterprise*, Feb. 14th: It is now
ertain that the Black Rock mines, so
lauded a few months since, are quite
ess. The mills erected in the district
ot been able to save even a trace of
sious metals in working many tons

ton, but the clean up showed an average of
\$36 per ton. His mill is now making a run
on 75 tons of ore taken from that part of his
mine leased to Toombs and Abraham. The
ore is taken from a vein at least 12 ft. thick,
and will pay \$50 to \$60 per ton. Abraham
has just returned from Virginia City where
he went with the bullion from 40 tons
worked in Crosman's arastra. The brick
made from the bullion was valued at nearly
\$2,000, showing an average yield of \$50 per
ton.

The Midas Co. will soon commence taking
out ore for another run. On the 12th of
January, Supt. Bourne exhibited a brick
worth \$15,000 to the Virginians, and the
company declared a third dividend of \$8 per
foot.

Virginia *Enterprise*, Feb. 15th: E. Ruhl-
ing & Co., assayers, yesterday received from
Pine Grove a lot of 450 ozs. of gold bullion
valued at about \$7,000. About \$1,300 of
this amount was extracted from ore from
the Wheeler and the remainder from the
Wilson mine. The ore was worked in the
new Wheeler mill, its first run. All the
mines that are opened are looking well.

Humboldt.

Unionville *Register*, Feb. 1st: The amount
of refined bullion shipped from the Mon-
tezuina smelting furnaces, for the year
1867, amounted to \$48,192, and the amount
of crude bullion on hand the first of De-
cember, 1867, amounted to \$63,037, making
a total yield for the year of \$111,229. This
yield is the result of not more than four
months steady running during the past
year.

The Manitowoc mine is yielding largely,
and looks better than ever before. The
mill is kept constantly running.

Fall & Co. shipped yesterday 800 ozs. of
bullion. Value, \$1,000.

The Dun Glen correspondent writes:
Owing to the state of the roads, the Essex
mill has not yet been completed. The
Essex mine has suspended work for the
present. The mine looks well, and opera-
tions will shortly be resumed again. The
Empire mine will be put in running order
as soon as the weather becomes favorable.

... The Monroe Series is progressing very
favorably. It is one of the richest and
best developed gold-bearing quartz ledges
in the State. Twenty-eight tons of the
rock, crushed at Holt's mill, in Winnemuc-
ca, produced \$5,508, and the tailings will
probably yield a good remuneration.

Feb. 15th: Gov. Fall has purchased the
Etna mill from the Nevada Co. in New
York, and will remove it to Unionville at
an early day in the spring.

Pahranaagat.

Reese River *Reveille*, Feb. 13th: We saw
a collection of ores to-day from Pahranaagat
district, which would add to the credit of
the best district in the State. A number of
the larger and finer specimens were from
the List and Illinois ledges. The speci-
mens from the List were of marked charac-
ter, and resembled the best class of ore
produced in Hot Creek, Reveille, and Em-
pire districts. It contains a fair proportion
of the mineral Stetefeldtite, which is the
chief bearer of silver in those and other
districts in the southeast. Several pieces of
ore were taken from one of the walls of the
List, which were as smooth as ivory or pol-
ished marble.

Feb. 15th: The 10-stamp mill in process
of erection at Hiko, in the district of Pahranaagat.

in the hill several hundred feet above the
mouth of the incline through which the
mine has been principally worked.

Silver Bend *Reporter*, Feb. 8th: In Pal-
metto district all work save that done by
two or three of the oldest residents has been
suspended. Horace W. Barton and Fred-
erick Conn are making preparations to de-
velop the New York ledge the coming spring.
The Dixon Co. also intend to resume labor
upon their mines early in the spring. The
owners of the Kentucky ledge have taken
the proper steps to secure a patent for their
mine under the Act of Congress of July
26th, 1866, after the issuance of which work
of the most thorough kind will be com-
menced. The Kentucky is a fine looking
vein, carrying an abundance of mineral, and
has been opened to a considerable extent.
The most extensive operations carried on in
Palmetto district have been by the New
York and Silver Peak Co., which has several
locations in the district.

The Austin correspondent of the Virginia
Enterprise of Feb. 4th, says: Working tests
of assorted ore from the Buckeye lode in
Summit Cañon, have been made with excel-
lent results—10 tons yielding \$300 per ton,
six tons \$260 and four tons \$230. There are
now 400 tons of fair milling ore on the
dump, and as the reliability of the mine has
been proven, the company intend to build a
15-stamp mill early in the coming summer.
The Eclipse is likely to become the property
of the Buckeye Co., as a negotiation for its
purchase is now under consideration. The
Newark mill has closed for want of salt. A
batch of 14,000 ozs. of bullion arrived in
town two days ago, being the clean-up of a
14 days' steady run. This is at the rate of
\$100 a ton for the ore worked.

The same correspondent writing to the *En-
terprise* of Feb. 14th, says: In Santa Fe dis-
trict 23 miles south of Austin, on the eastern
base of the Toyabe range, are situated the
mines of the Yosemite Consolidated Silver
Mining Co., a San Francisco incorporation.
They consist of six ledges located in 1864,
most of them being on the dividing line be-
tween a gray silicious limestone and a dark
colored slate. Though considerable surface
work has been done, none of the lodes can
be said to be developed. The greatest depth
attained on the Yosemite No. 1, which is the
most promising of the six veins, is little
over 40 ft. This lode is six to seven feet
wide at that depth, but is not all pay ore.
On the foot wall there is a streak 15 inches
thick which gives a pulp assay in the mill
of \$140 to \$150. The next 24 in. is milling
ore of \$70 to \$75 grade, and the balance of
the vein matter is a mixture of clay, slate
and quartz. The ledges all show fair mill-
ing ore of low grade—that is, as the ores in
this region are classified—ranging by mill
assay from \$60 up to \$150 per ton. Several
batches of selected ore worked in Austin re-
cently, gave encouraging returns, 1½ tons
assaying \$226, one ton \$147, two tons \$91,
and 2½ tons \$73. Quite a number of men
are idle owing to the stoppage of work in
outside districts. The Combination mill
started up on Friday last.

Washoe.

[In the Stock Circular, in another por-
tion of this paper, will be found late mining
news from this district.]

Enterprise, Feb. 5th: The proprietors of
the Petaluma mill, Lower Gold Hill, have
purchased the boilers formerly belonging to

(Continued on Page 122.)

PG-119-122
2/22/1868
MINING & SCIENTIFIC PRESS

[MINING SUMMARY—Continued from Page 119.]

the Sides Co., and day before yesterday removed them to the mill, where they are to replace two old boilers now in use.

Feb. 11th: The machinery of the new Imperial-Empire hoisting works is working finely. The shaft will probably be drained of water to-day, when drifting will at once be commenced on the 900-ft. level. It is calculated that the lead will be reached in drifting west from the shaft about 140 ft.

Feb. 12th: The Overman Co. have resumed work on their mine.

The Kentuck Co. yesterday declared a dividend of \$15 per foot, payable next Saturday, 15th inst.

Feb. 13th: Mr. Day of the Golden Eagle mill, Dayton, and John Rule of Gold Hill, have made a most important discovery of a quartz ledge on the Carson river. It is about three quarters of a mile below the San Francisco mill, and half a mile above the Franklin and Island mills. The ledge is plainly traceable a long distance, and 100 ft. in width. The croppings assay over \$100 to the ton—mostly in gold, and 1,000 lbs. of it, put through mill process by Mr. Day, he was confident would yield at least at the rate of \$20 per ton.

A new boiler is being put in the Sunderland mill, Lower Gold Hill.

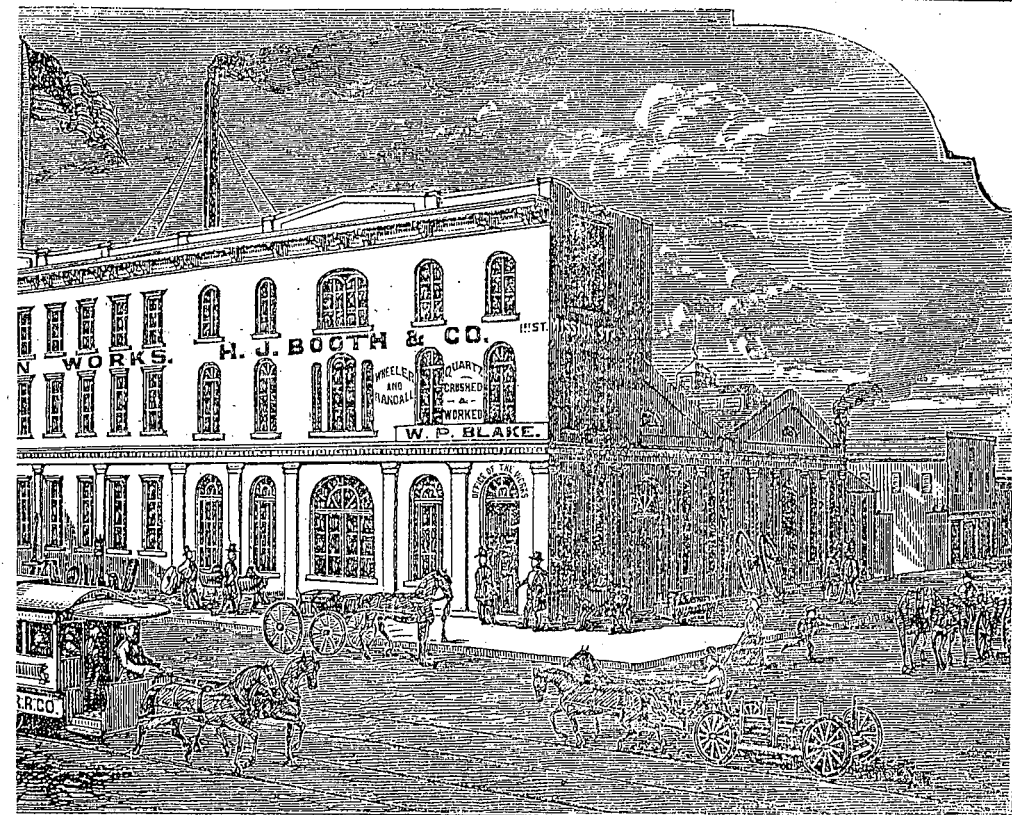
Yesterday the new pump of the Yellow Jacket mine started up. Everything is in good order.

Feb. 14th: Part of the pumping machinery for the Imperial-Empire mine, at Gold Hill, arrived in this city night before last. One spur wheel weighs over 9,000 lbs.

The new mine lately discovered on Carson river has been named the Champion. One and a half tons of top rock from the lead, worked in the Eagle mill, yielded at the rate of \$21 per ton.

Feb. 15th: The total amount of bullion shipped from this city and Gold Hill during the past week was 6,021 lbs., valued at \$149,603.03.

A great deal of prospecting is at present being done in the outcroppings of abandoned mines lying from one to five miles eastward of the great Comstock lode, and in many instances paying ore has been found upon and near the surface. In Silver Star district ore has lately been found that assayed at the rate of \$50 per ton for selected ore. There will doubtless be some valuable discoveries made in our old abandoned mines during the coming summer. In Castle district, north of the city, are many very large leads, crowned in most instances with huge masses of croppings, that have been abandoned for five or six years. In the vicinity of a number of these, shafts have been sunk to a depth of from 100 to



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1 Beam; Stern and Side Wheel Boats, right, Oscillating and Beam, from six Adjustable Cut-off Regulator—best in y Engines; Woodward's Patent Steam

ght, Cylinder and Cornish, and ever s for pumps. Pumps are manufactured by us. These re fast replacing all other Force Pumps.

AMALGAMATING MACHINERY.—Wheeler & Randall's improved Tractory Curve Pan, Zenas Wheeler's improved flat bottom pan, Beldin's pan, Veatch's tubs, Prater's concentrators, Waklee's pans, Boers's pan, German Barrels, Arastra Gearing, Chile Mills, Settlers of all descriptions, Retorts of all sizes and shapes, for silver and Gold, Portable Stamp Mills, Straight Batteries, for wood or iron frames, Dry Crushing Batteries, or machines with the latest improvements, every variety of Stamps, Mortars, Cams, Fans and Tubs. **BLAKE'S PATENT QUARTZ CRUSHERS**, of all sizes.

OIL BORING TOOLS AND MACHINERY.—Of the latest and most approved construction, made from drawings lately made by Prof. Blake at the oil wells in Pennsylvania. We have the facilities for working gold and silver quartz and other ores, to test their value, by the hundred weight or ton.

Russia Iron Screens, of all degrees of fineness and of all qualities of iron. All work done in the best manner at the lowest cash prices.

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GEO. W. PRISCOTT.

IRVING M. SCOTT

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GLOBE
Foundry and Machine Shop;
STOCKTON, CAL.

KEEP, BLAKE & CO.,

MANUFACTURERS OF

Quartz, Saw and Grist Mill Irons, Steam Engines, Horse Powers,

Mining and Irrigating Pumps, Car Wheels, Derrick Irons, House Fronts, Iron Fencing, Balcony Railings, etc., at San Francisco prices. Orders solicited.

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MINING & SCIENTIFIC PRESS

3/28/1868 PG 199

other well known

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\$151,635.33.

A correspondent of the Virginia *Enterprise* of March 18th, writes: I mentioned in the *Enterprise* some time ago that a series of mines in Morey district had been sold to Mr. David S. Ogden, of New York, for \$32,000 in coin. The Magnolia lode of the series, on which considerable work has been done recently, has improved greatly in appearance. At the depth of 85 ft. the vein shows two ft. of pay ore, and the drillings from a 2-ft. hole gave an assay of \$1,020. By numerous working tests at the mill of the Old Dominion Co., at Hot Creek, the ore was proved to range from \$90 to \$250 per ton, there being apparently considerable surface rock at command which will pay \$120 to \$150 per ton.

The Fortuna mine, on Lander Hill, is yielding very fine ore. A batch just worked at the Manhattan mill gave a pulp assay of \$820 per ton.

Washoe.

[In the Stock Circular, in another portion of this paper, will be found late mining news from this district.]

Enterprise, March 14th: Wells, Fargo & Co. shipped from their office in this city, during the past week, 2,943 ounces of assayed bullion, valued at \$71,087.38.

March 18th: Work was yesterday resumed on the Segregated Belcher mine, after lying idle some seven months. It is thought that paying ore will at once be taken out. Mr. McCullough, Superintendent of the Overman, will have charge of the work.

March 19th: Two new boilers have been put into the Petaluma mill—also a lot of new amalgamating pans—and, with everything in "ship shape," the works have again started up. The mill is capable of crushing 50 tons of ore per day.

Judging from present talk and indications, all the prominent leads on Cedar Hill will be worked during the coming summer, and even a few leads that are hardly known by name. We saw some ore a day or two since from a nameless lead on the hill, that showed by assay the handsome sum of \$36 per ton. It is well known that the Sacramento mine contains a vast amount of pay ore—gold bearing quartz—and parties have been at work in the mine all winter, or whenever the weather would permit. By working the ores of the hill for gold alone—they contain but little silver—there can be no doubt but they can be made to pay well, as a large amount per stamp can be crushed daily; then the trouble and expense of amalgamating in pans will be dispensed with, only copper plates and sluices being used to save the gold. That there is an exceedingly rich chimney in the hill that

frost is out of the ground, and another built which will be put up in a short time. Clark & Co. will run two on Windlass and Rich Gulches this season; and on the hill west of Cañon Creek, Beasley, Bollinger & Co. are building a fine large hydraulic. Wolfinger, Long & Co. will run their Town Gulch hydraulic as soon as water comes.

Salem *Unionist*, March 10th: Mr. Salmon, Supt. of the quartz mill in the Santiam mines, arrived yesterday, direct from the diggings, where he has been all winter. The snow is four ft. deep on the summit. Mr. Salmon traveled on snow shoes until he reached the lower spurs of the mountains. He brought a gold brick weighing 32 ozs., taken from quartz quarried from the White Bull lead. He is sanguine that he can make the mines pay, and designs returning as soon as the snow goes off.

Portland *Oregonian*, March 12th: The Cañon City correspondent gives the following information: The mines in this vicinity are numerous. Several very rich quartz ledges have been partially developed, among which is the famous I. X. L. ledge, known as one of the richest in Eastern Oregon. The owners of this ledge are engaged on a tunnel some 600 ft. in length, which will be finished in a short time.

On the north side of John Day river is Dixie Creek, a camp of some importance, which employs about 200 miners, mostly Chinese.

North of Cañon City, on the Middle Fork of John Day river, is Elk Creek, running in from the north, which is considered by competent judges as the best quartz mining district in this State. The ledges are mostly lying idle for want of capital to work them successfully. There are about 60 persons at this place. Twelve miles above on the same stream is Vincent Creek, with but few mines. North of Vincent Creek about 15 miles are Olive Creek and the Burnt River diggings, and six miles north of Olive is Granite Creek. These camps are the most important points in that section. About 250 miners, half of whom are Chinese, find employment there.

Sixty miles north of Cañon City is the North Fork of John Day, where there has been some excitement over the discoveries of the past season. But the truth is that few claims have been found which will justify working, and the place is declining.

NEW MEXICO.

Santa Fe *Gazette*, Feb. 29th: Governor Mitchell who arrived from the Moreño mines on Thursday of last week, reports most favorably of the mining prospects for that region during the coming season.

There are now in and about the mines between 2,000 and 3,000 persons waiting for the opening of spring weather

was in my power to give, I came to the conclusion that, for conciseness, correctness, and precision of definition, as well as for completeness and simplicity of style, it was, and would be, without a rival. I regard your work as the best of its kind. I know of but few men in any profession who would not be benefited by its careful study.—*Wm. H. Hall.*

I regard it as one of the best treatises upon these important branches—perhaps the only one obtainable possessing equal advantages—combining comprehensiveness with conciseness, and of such simplicity in its arrangement as to be readily understood by the advanced pupil.—*F. W. Hatch.*

It is admirably arranged to develop the correct idea of analysis and synthesis of language, and the amplification of ideas into sentences and periods. The style is clear, terse and pleasing. I do not hesitate to recommend it as a great acquisition to our text books.—*James Denman.*

I am happy to express my conviction of the value of the whole treatise. It would give me much gratification to see so thorough and excellent a treatise emanate from young California.—*Martin Kellogg.*

I recommend it to all those who wish to obtain a book that will give them definite ideas on this subject, and teach them to express their thoughts and feelings in a clear, simple, and forcible manner.—*Caroline L. Atwood.*

I regard the book about to be published as far superior to any work extant upon that subject.—*Wm. S. Hunt, A. M.*

I believe the work will be a valuable and much needed addition to our school text-books.—*Herman Perry.*

You have brought the results of a profound analysis, and made them available, in a practical form.—*I. H. Brayton.*

I can recommend it particularly to my young friends of the legal profession, as a source from which they may be able to learn much of value as special pleaders and as advocates at the forum.—*John Curry.*

The subjects upon which you treat have heretofore been too much neglected in the education of young men in America. * * * Exactly calculated to interest. * * * It will soon become a necessity in every lawyer's library.—*Charles A. Tuttle.*

Its clearness and comprehensiveness make it easy.—*G. W. Doie.*

A gentleman of varied learning and ripe culture, who has half a dozen languages at his tongue's end. He seeks to teach the student not only how to take sentences apart, but how to construct them. His system has the merit of originality. We know of no work in which can be obtained so lucid an exposition of the elements of composition; and such valuable assistance in learning how to put his ideas into language. Prof. Layres has done the cause of popular education good service.—*S. F. Bulletin.*

This is a San Francisco book by a San Francisco author. It contains 166 pages, and is altogether creditable to San Francisco. It meets a public want, and meets it in a form and size cheap and convenient, and in reach of the humblest.—*Alta California.*

The writer, the lawyer, the minister, or the statesman, may study its rules and regulations with profit. Nothing conduces more to the purity of a national literary taste than a general and thorough knowledge of the rules by which the construction of language is governed.—*S. F. Times.*

Prof. Layres plunges at once "in medias res." He seizes a sentence (which is the unit in composition, whether written or spoken), holds it up before you; tears it to pieces before your eyes;—or rather, we should say, neatly and skilfully dissects it—displays one by one its several parts; makes you thoroughly acquainted with each, in its entirety; and then shows you how to put them together again. A series of such experiments, increasing in complexity so gradually that you do not feel the difficulty, and the thing is done; you are master of the subject.—*Mining and Scientific Press.*

Its design is to show that ideas can be so arranged as to increase their power; in short, to teach the mechanism of composition, eloquence and oratory. A desideratum long felt supplied.—*S. F. Examiner.*

This is an age in which the occasions are rapidly multiplying, when educated men, and women, too, are called upon to express their views in writing, either for public or private inspection and criticism.—*Stockton Independent.*

The most eminent educators in California give it their hearty approval, and we concur.—*Marquette Appeal.*

Not only one of the best of its kind, but, what is still better, one of the briefest. It contains 166 pages.—*Virginia Enterprise.*

Price, \$1.10. Sent by mail, postage paid, without extra charge. Liberal reductions made to the Trade, Teachers and Schools, ordering by wholesale. Orders received by our Traveling Agents.

Address DEWEY & CO., Mining and Scientific Press, San Francisco.

such property? It is a nuisance where it stands and should be removed by the most expeditious legal means, and no other." When our city authorities find out what is the matter we hope that the wrong, whatever it is, may be righted "by the most expeditious legal means, and no other." Such is our prayer. Let our authorities do nothing except by the "most expeditious legal means." Let there be no irregular proceedings against said building. The days of the "Vigilantes" are past. Its being advertised "to rent" is of course against the building, yet keep cool and proceed only by the "most expeditious legal means."

FROM LONE PINE.—We were yesterday shown some very fine specimens of ore from Lone Pine, Inyo County, California. The majority of the specimens are argentiferous silicates, but very rich in silver—so rich as to wholly destroy the regular galena crystallization. Among other curious mineral specimens was a large piece of asbestos, so pure that it could be twisted into strings. This mineral has been tried by the Mexicans as a lining (mixed with clay) for furnaces, but it does not seem to answer the intended purpose as well as bone ashes, which is now generally used.

Under the heading of "Pretty Sight" an evening cotemporary says: "What is? Why, a ship under full sail, or (we'll ship the sailor's second), a train of cars in motion, or—next to 'em—the stages of Wells, Fargo & Co.—three six-horse coaches—rolling out of Virginia at 8 o'clock every evening. They prance forth fine. You take notice. We would advise the spiritual author of the above to soak his head for a month or two. They prance forth fine." Good heavens!

IN OPERATION.—At present we do not know of an idle mill in the State. All are at work, and there is ore for all. Many of our leading mills are increasing their capacity, and on every side are to be seen signs of the prosperity of our young State. It is not only in mills, but in every branch of trade and industry, that we see improvements throughout the city. Business houses are being enlarged and refitted, and new houses are daily being opened.

THE GOLD HILL FAIR.—The Fair in Gold Hill, given by the ladies of St. Patrick's Church, is proving to be a most successful venture. The hall is crowded nightly, and there can be little doubt that a sum sufficient to liquidate all the debts standing against the church edifice will be realized. It will continue during the week and will wind up in a grand ball next Monday night. Let our people go down and assist their neighbors of Gold Hill.

BLACK CROOK.—The attendance at the Crook last night was good, and a high old performance was given. All kinds of fun—songs, dances, juggling, acts, and farces. No restriction upon anybody; larger beer drinking and smoking allowed, and all given the liberty of moving about and stinging and doing pretty much as they please, so long as they do not interfere with the enjoyment of others. The bill for to-night is an excellent one.

INSURE AGAINST ACCIDENTS.—Go to Sprague, Gould & Curry office, and be insured against accidents. In case you are hurt after being insured you get a liberal weekly allowance until you are able to work. This is better than insuring your life, for once you are dead the money of the insurance companies will be of mighty little use to you. They can give you no checks that will pay for grub in that "bourn from whence no traveler returns" to curse his broker.

LIBERTY HOSE CO. No. 1.—At the annual meeting of officers of Liberty Hose Company No. 1 of Gold Hill, held at their hall last night before last, the following named gentlemen were chosen as officers for the ensuing year: A. A. Putnam, Foreman; S. A. Holden, First Assistant; S. A. Winterbauer,

DEPARTURES.
BY THE DONNER LAKE ROUTE:
Mr. Patterson T. N. Payne I. Dorr
Thos. Quinlan Pat. Quinlan M. S. Hurd
Mrs. G. N. Collins Mrs. John C. Doyle Miss M. A. Corcoran
J. Corcoran and servant
D. Mayling
BY THE PLACERVILLE ROUTE:
M. J. Michelson L. M. Bond
BY THE OVERLAND ROUTE:
Richard Mellow James Hammonds
BY OUCHON & BRO.'S LINE:
Miss A. Greeley J. L. Coe R. Ryan & wife
Mr. Alexander Thos. Turney Jan. Calo
Mr. Miner & wife
BY BAKER'S LINE:
A. S. Drake H. Dickinson B. H. Long
J. H. Spurling M. Jacoby J. B. Fling
Mr. Conroy John Myers

STOCK AND MONEY MARKET.
REPORTED BY F. CAHILL & CO., STOCK AND MONEY BROKERS, 58 SOUTH C STREET, VIRGINIA, NEVADA, AND 418 MONTGOMERY STREET, SAN FRANCISCO, CALIFORNIA.

San Francisco Stock Notes.
SAN FRANCISCO, August 7.

No. Sold	Name of Stock	Opening	Second Call	Closing
MORNING REPORT				
10	Opfr.			\$95
6	Gould & Curry	\$532 1/2		630
6	Avge. per share	195	\$400	196
26	Coal & Pulver	365		350
4	Imperial			184
14	Union	285		300
1	Gold Hill Q. Mill			12 1/2
19	Confidence	62 1/2		65
207	Overman	90	100	94
35	Sierra Nevada	42		35
16	Sev. Belcher	7 1/2		8
3	Bullion	17	18 1/2	30
7	Bulcher			100
16	Yellow Jacket	1,075	1,070	1,065
18	Crown Point	1,100	1,040	1,075
20	Justice			6
EVENING REPORT				
4	Avge.	195	185	190 & 30
14	Union	350		360
15	Imperial	185		184 1/2
4	Kentuck	860		297 1/2
13	Gold Hill Q. Mill			130
130	Overman	90	95	91
31	Sierra Nevada	40	35	40
10	Bullion	21 1/2	30	
16	Yellow Jacket	1,070		1,030
25	Crown Point	1,040	1,030	1,033
5	Justice	7		8 1/2

Legal Tenders.
SAN FRANCISCO, August 7.
Legal tenders, 7 1/2% asked.

FROM SAN FRANCISCO.
(SPECIAL DISPATCH TO THE ENTERPRISE.)

Body Identified - Heavy Attachment Suits - Another Death from Yellow Fever on the Resaca - Insolvents - Delivered Himself up - Arrivals - Legal Tenders - Exchange - Excursion - Appointment - Governor Stanley's Speech - Democratic Nominations - Etc.

SAN FRANCISCO, August 7.
J. H. Allen, Secretary of the San Francisco Benevolent Association, last evening identified the body of the man who died suddenly at the Portsmouth House as that of Henry Terry, formerly a soldier.

The following attachment suits have been commenced against the firm of Wightman & Hardie: In the Fourth District Court, John Parrott & Co. for \$10,000; Jos. A. Donahoe and Eugene Kelly \$12,000; In the Twelfth District Court, L. Strauts & Co. for \$8,000; Lazzari Freres for \$6,500; Rodgers, Weyer & Co., \$26,000; Unfelder, Cohn & Co., \$3,028; D. A. Waiter & Co., \$5,300; Daniel Meyer, \$2,287; J. Zohn, \$21,480; In the Fifteenth District Court, Hyneman & Co. for \$3,495; D. Packs & Co., \$4,041; S. D. Harding, \$10,000; J. Gochaux & Co., \$6,000; P. F. Loughran & Co., \$2,050; making a total of \$180,702.

A seaman on the Resaca, who was attacked by yellow fever shortly after the arrival of the vessel here, died yesterday. This is the first case which has developed and terminated fatally here.

The following persons, resident in this city, have filed petitions in insolvency with the United States Register of Bankruptcy: Alonzo Tarr, Geo. W. Ward, D. D. R. Steward, Alonzo Hoy, O. D. Adams.

Yesterday officer Lynes gave himself into custody on the charge of manslaughter in shooting the ex-convict prisoner, Louis Assimela, and was

TO AUSTIN
MILLER & RIPLEY'S LINE
IS NOW IN OUR EMPLOY.
Parties desiring Passage or Freight will please apply to us. Also those desiring Passage by their

Fast Freight Coaches to Belmont
WELLS, FARGO & CO.
aue 1w J. H. LATHAM, Agent.

DR. G. FOLTZ,
Physician,
Office at No. 58 South C street,
(OVER CAHILL & CO.'S OFFICE).
A Graduate of the Universities of Munich and Heidelberg, Germany.

PARTICULAR ATTENTION PAID
To the Diseases of Women and Children.
Having attended the Lectures of the most eminent Professors on those Diseases in Germany, and

That's What's the Matter.
A GRAND BALL
Will be given
At the Crystal Fountain Saloon,
Calcutt, one hour above Wells, Fargo & Co.
ON SATURDAY NIGHT.

Everybody invited to attend. That's what's the matter.
[aue 1d] A. C. SCUIT.
JUST RECEIVED
AND FOR SALE BY
C. GOODWIN,
37 South C Street, Virginia.

CAL. HAMS and BACON, per lb.
CALIFORNIA LARD, " 20 cents
PIGS' HEADS, " 12 1/2 cts
PIGS' FEET, " 15 cents
PIGS' TAILS, " 12 1/2 cts
SPARE RIBS, " 10 cents
CORNEB SHOULDERS, " 15 cents

Terms Cash. aue 1w
BENICIA COLLEGE
AND
BOARDING SCHOOL.

THE TWENTY-FIFTH SEMI-ANNUAL
Session of this well-known Institution will open
JULY 26, 1867.

For further particulars, request a Circular.
C. J. FLATT, Principal.
Benicia, Cal., July 9th. jyl 11m

H. M. BARNES,
NOTARY PUBLIC,
General Business and Real Estate
AGENT.

COLLECTIONS MADE AT REASONABLE
rates and proceeds promptly remitted.
OFFICE ON MAIN STREET,
BELMONT, NYE CO., NEVADA.
jyl 11m

Restaurant For Sale.
THE FIXTURES AND GOOD WILL OF THE
house known as the
COLOMBO RESTAURANT,

No. 20 South D street, doing at present a good paying business. For particulars as to terms, etc., please apply on the premises.
Virginia, August 7, 1867. su 27w

Through to San Francisco
" " Austin
" " Salt Lake
" " Virginia
" " Nevada
Passengers booked through
Wm. G. C. (a)

Ho! for the
UNITED STATES
From Genoa to
The Pleasantest
Nevada, through

ON AND AFTER J
leave Genoa every
and FRIDAY (on the a
Carmen) for Caray's N
Mountain, Big Trees a
with C. Sisson & Co.'s
formia. Will leave Mu
stopping at the Trees f
at Genoa the next mo
going East.

Fare from Genoa to Bel
Fare from Genoa to Bi
Fare from Genoa to Mi
Fare from Murphy's to

Je 25 2m
H. W. E

PASS
FAST FRE

PLACERVILLE

STAGES LEAVE
S day, at 8 o'clock
Passengers arriving in
following day in time
mento, connecting with
San Francisco—making
other line over the mou
passenger. First-class
Agents: WHITT
MERCY
M. COO
jyl 16 1m 34

MILLER
Stago and Fa
Austin and Bel
LEAVES O
Fare to Austin
Fare to Silver Bea
Freight to Austin
For particulars inq
Stable, C street.

G. N.
Fast Freight
To Stone &
Crossing, Po-vine
toy, Sierra Valley, H
Milford, Janesville, I
Virginia every TUESD
Office at Haviland's Li
South C street.

DAYTON
THE DAYTON STAG
I further notice, will
give every day at 8
P. M. Returning, leav
3 P. M. All orders to
national Hotel, Virg
In Dayton, will receiv
tion.

TERRITORIAL ENTERPRISE 8/9/1867

short engagement in San Francisco and then visit New York.

Black Crook.—The Crook still keeps on the even tenor of its way with a large troupe of melodrama actors and actresses, introducing new features almost nightly. The place is devoted to fun and all is free and easy throughout. A duo bill will be presented this evening.

New Boilers.—The Yellow Jacket Company have just received and will at once set up two new boilers, each 16 feet in length, 34 inches in diameter. Each boiler contains 50 three-inch tubes. The boilers were manufactured at the Pioneer Boiler Works.

The omnibus line plying between this city and Gold Hill is being well patronized this summer. Our people all seem to have made up their minds that it is much cheaper to pay two bits for a ride than to walk during the hot weather.

Nor So.—There was a report on the streets last evening that a miner in the Chollar-Potosi had been caved on and fatally injured. Upon tracing the matter up we found that a workman in the mine had sprained himself. No lives—no smashing of bones!

Overhauling.—The Kentuck Company are engaged in overhauling their hoisting works. They are putting in new reels, repairing their shaft, and putting everything in order for a long siege of heavy work.

Low Fare.—The old line of Dayton stages leaving that town in the morning charges but four bits to this city and intermediate points. Nobody can complain of this as extortionate.

Our markets are well supplied with apples, peaches, plums, pears, grapes and every other kind of fruit now in season—watermelons and muskmelons are also plenty.

For Sunday Accommodation.—After this date the stage office of Wells, Fargo & Co. will be open on Sundays from 2 to 4 o'clock P. M., for the accommodation of those wishing to secure seats in the stages to California.

The Cerro Gordo mines are still well spoken of. Parties who left this city a few weeks since to look after interests in various leads in that section express themselves as being perfectly satisfied with their mines.

Finest teams, loaded with merchandise for our business houses, continue to throng our streets. Our merchants appear to be determined to take time by the forelock this season.

Telegraphic.—There are messages at the Telegraph office for the following persons: Michael Kelly and C. Morales or Lottie Morales.

New Appointment.—Mr. A. Baker has been appointed route agent for the western division of the Overland Stage Company's line.

Large quantities of wood are now coming into the city from Washoe. Ten cords to one team is a load by no means unusual.

Our mills are now at work day and night, and we hear no complaint of a scarcity of flour.

Good Sport.—There is said to be very good shooting just now about Peavine—the game being grouse and sage hens.

2222 Overland, 602, Confidence, 700, Nevada, \$42.

Hair Dressing & Shaving SALOON.

No. 60 South C Street Near Taylor.
Opposite Olling, Mott & Co.

CUPPING, LEECHING, BLEEDING AND
Tooth Extracting performed skillfully and thoroughly.

Also...
Fresh Hungarian and Swedish Leeches

For sale by
Virginia, Nev., April 13, 1887.
W. MAVER.
au20 lm

Notice to Invalids.

ALL PERSONS WHO HAVE NO HOME NOR place where they can receive the attention necessary to their comfort, when ill, can find at the County Hospital comfortable private rooms, where they will be attended upon by kind and experienced nurses, and be supplied with every thing necessary to their comfort.

THE ROOMS are entirely separated from the wards occupied by the indigent sick.
The Hospital is under the care of Dr. BRONSON, who can be found at his office, corner of C and Taylor streets, over Fowler's store, every day between the hours of 12 M and 3 P M. Arrangements can also be made with Mr. Cronch, Superintendent of the Hospital, who can always be found at the Hospital buildings.
Charges moderate. au18 11

A Complete Iron Front FOR SALE CHEAP.

COMPRISING 2 COLUMNS, 3 DOORS, 4 Eyes and 11 Iron Bars—a complete Iron Front for a fireproof building. Inquire at
DALE & CO'S.
331 11. Nearly opposite Wells, Fargo & Co.

J. K. UH, Professor of Music.

LEAVE ORDERS AT
W. FRANK & DALE & CO'S.
au13 11

TO MINING COMPANIES!

WE ARE NOW PREPARED TO PRINT IN THE very best manner,
STOCK CERTIFICATES,
OF EVERY DESCRIPTION,
ASSESSMENT RECEIPTS
OF A NEW STYLE
To which we invite the attention of the public.
J. T. GOODMAN,
Enterprise Job Office.

NOTICE IN BANKRUPTCY.—THIS is to give public notice that the Honorable J. J. S. of the County of Washoe, Nevada, has appointed J. T. Goodman, of the County of Washoe, Nevada, as the receiver in bankruptcy of the estate of J. T. Goodman, of the County of Washoe, Nevada, who has been adjudged a bankrupt on his own petition; that the payment of any debts and delivery of any property belonging to such bankrupt to him, or for his use, and the transfer of any property by him, are forbidden by law; that a meeting of the creditors of the said bankrupt, to prove their debts and to choose one or more assignees of his estate, will be held at a Court of Bankruptcy, to be holden at the office of Mr. J. S. KELLY, a Register in Bankruptcy of said County, No. 31 South C street, in Virginia City, Storey County, Nevada, before said Register, on the fourth day of September, A. D. 1887, at 12 o'clock M.

U. S. Marshal and Messenger in Bankruptcy.
H. N. Conally, attorney for petitioner.
au13 11

all kinds of watches, clocks and jewelry. All work entrusted to him will be promptly and skillfully done. He solicits a share of the public patronage, and cordially invites his old custom or and friends to call and see him.
au18 1m

FULTON MARKET.

11 STREET, OPPOSITE UNION.
DAVIS & LANNAN, Proprietors.

CONSTANTLY ON HAND—

FRESH BEEF,
PORK, MUTTON, VEAL,
CORNED BEEF, CORNED PORK, SAUSAGES.

RENDERED TALLOW, prepared expressly for mill purposes, by barrel or can.
(Give us a call.
au19 11

DAVIS & LANNAN.

HAPPINESS OR MISERY?

THAT IS THE QUESTION.
THE PROPRIETORS OF THE "PACIFIC MUSEUM OF ANATOMY AND SCIENCE" have determined, regardless of expense, to issue FREE (for the benefit of suffering humanity) four of their most interesting and instructive Lectures on ANATOMY, and its disqualifications: Nervous Debility, Premature Decline of Manhood, Impotence, Weakness, Depression, Loss of Energy and Vital Power, the Great Social Evil, and those maladies that result from youthful follies, excess of maturity, or ignorance of Physiology and Nature's Laws.
These invaluable Lectures have been the means of enlightening and saving thousands, and will be forwarded FREE on receipt of Twenty-five Cents in postage stamps, on addressing "Secretary Pacific Museum of Anatomy and Science, Montgomery street, San Francisco."
Letters to be sent through Wells, Fargo & Co.
au17 11

DR. G. FOLLE, Physician.

Office, 58 South C St.,
over Cahill & Co's Office.
Graduate of the Universities of Munich and Heidelberg, Germany.

Particular attention paid to the Diseases of Women and Children.
Having attended the Lectures of the most eminent Professors on those Diseases in Germany. au1

WEBBER LAKE.

This Charming Place of Resort
Is now open to Visitors, and
OFFERS MANY ATTRACTIONS.

Invalids can avail themselves of the services of DR. ELLINWOOD.
Jy24 2m

H. M. BARNES, NOTARY PUBLIC.

General Business and Real Estate
AGENT.

COLLECTIONS MADE AT REASONABLE RATES AND PROMPTLY REMITTED.

OFFICE ON MAIN STREET,
BELMONT, NYE CO., NEVADA.
au13 1m

moving day in the minute connecting San Francisco—other line over the package "Fast" Agents: WHELAN, MEYER, S. C.

au13 1m

Fast Freight

TO STONE. Crossing the Valley, every TU. Office at Haviland's South C street.

DAYTON

THE DAYTON ST. further notice, every day at 10 P. M. All other national H. C. in Dayton, will re-
April 12, 1887.

ACCOMMODATION

TO LEAVES DAYTON at 7 o'clock, every day at 2 P. M. All companies, as required by the Office—Dayton International Hotel
au14 1m

"PRO BONA"

LA SARRASBIT

FOR SALE.

For Sale

THE UNDERSIGNED Stable, on the

EIGHT S

Complete

Any one wish call early, as the

MARY E.

No. 49 SOUTH

Diseases of the

au13 1m

List of Mills in Nevada.

NAME.	Motive Power.	Cords of Wood per Day.	No. of Stamps.	Weight of Stamps.	No. of Pans.	Nature of Pans.	Crushing Capacity per Day Tons.	REMARKS.
STOREY COUNTY.								
Atlas.....	steam	4	15	600	8	Hepburn	25	
Atwood.....	"	4	16	.....	26-2	Knox, Wheeler	20	
Bay State.....	"	6	23	.....	14	Wheeler	38	
Bower's.....	"	4	20	10-600 10-700	30	Knox	25	
Central.....	"	8	13	.....	4	Hepburn	12	
Crown Point.....	"	6	8	500	8	Knox	8	
Comet.....	"	4	16	.....	.....	.....	20	
Douglas.....	"	4	10	650	26	Plain	16	
Eclipse.....	"	4	16	.....	8	Hepburn	25	
Empire, No. 1.....	"	5	21	650	26	.....	30	
Empire, No. 2.....	"	8	16	650	12	Wheeler	32	
Empire State.....	"	5	15	.....	20-2-2	Knox, Wheeler, Hepburn	15	
Gold Hill.....	"	3	14	6-600 6-750	24	Knox	17	
Granite.....	"	.....	.....	.....	.....	.....	.....	Refitting.
Gould & Curry.....	"	20	80	.....	39-3	Hepburn, Varney	100	
Hoosier State.....	"	3	8	750	24	Knox	12	
Imperial.....	"	0	44	600	74	Knox	.....
Land's.....	"	6	20	.....	10	Wheeler	30	
Mariposa.....	"	4	12	.....	2-6	Knox, Wheeler	15	
Marysville.....	"	6	9	.....	30	Plain	18	
Ogden.....	"	6	22	.....	12	Wheeler	20	
Pacific.....	"	8	30	650	15	Wheeler	50	
Petaluma.....	"	3	16	700	16	Knox	28	
Plute.....	"	6	20	650	12	Hepburn	30	
Rhode Island.....	"	8	25	650	13-6	Knox, Hepburn	40	
Rigby's.....	"	4	10	.....	6	Varney	12	
Rogers.....	"	3	8	.....	.....	.....	12	
Sapphire.....	"	6	16	750	26	Knox	28	
Simcoe.....	"	6	10	.....	6	Tube, Wheeler, Hepburn	25	
Stevenson's.....	"	2	8	500	10	Knox	10	
Succor.....	"	6	20	.....	.....	.....	20	

ANNUAL REPORT
OF THE
STATE MINERALOGIST
OF THE
STATE OF NEVADA
FOR 1866.

CARSON CITY:
JOSEPH E. ECKLEY, STATE PRINTER.
1867.

HAER INVENTORY

BULK 1145		1862		5. DATE		6. GOVT SOURCE OF THREAT		7. OWNER/ADMIN									
8. NAME(S) OF STRUCTURE						9. OWNER'S ADDRESS											
PETALUMA MILL																	
10. STATE COUNTY		COUNTY NAME		CITY/VICINITY		CONG. DIST.		STATE COUNTY		COUNTY NAME		CITY/VICINITY		CONG. DIST.			
N V		STOREY		GOLD HILL													
11. SITE ADDRESS (STREET & NO)						12. EXISTING SURVEYS						13. SPECIAL FEATURES (DESCRIBE BELOW)					
						<input checked="" type="checkbox"/> NR <input checked="" type="checkbox"/> NHL <input type="checkbox"/> HABS <input type="checkbox"/> HAER-I <input type="checkbox"/> HAER <input type="checkbox"/> NPS <input type="checkbox"/> CL6 <input type="checkbox"/> CONF <input type="checkbox"/> STATE <input type="checkbox"/> COUNTY <input type="checkbox"/> LOCAL <input type="checkbox"/> OTHER											
						<input type="checkbox"/> INTERIOR INTACT <input type="checkbox"/> EXTERIOR INTACT <input type="checkbox"/> ENVIRONS INTACT											
14. UTM ZONE		EASTING		NORTHING		SIGN		SCALE		QUAD NAME		SCALE		QUAD NAME			
		270900		04351740				<input type="checkbox"/> 1:24 <input type="checkbox"/> 1:62.5				<input type="checkbox"/> 1:24 <input type="checkbox"/> 1:62.5					
								<input type="checkbox"/> OTHER				<input type="checkbox"/> OTHER					
15. CONDITION						16. INVENTORIED BY						17. DESCRIPTION AND BACKGROUND HISTORY, INCLUDING CONSTRUCTION DATE(S), HISTORICAL DATE(S), PHYSICAL DIMENSIONS, MATERIALS, EXTANT EQUIPMENT, AND IMPORTANT BUILDERS, ENGINEERS, ETC.					
70 <input type="checkbox"/> EXCELLENT 71 <input type="checkbox"/> GOOD 72 <input type="checkbox"/> FAIR 73 <input type="checkbox"/> DETERIORATED 74 <input type="checkbox"/> RUINS 75 <input checked="" type="checkbox"/> UNEXPOSED 76 <input type="checkbox"/> ALTERED 77 <input type="checkbox"/> DESTROYED 78 <input type="checkbox"/> DEMOLISHED						Rebecca Herbst						The Petaluma Mill was built in Gold Canyon as a custom mill for the treatment of both gold and silver ores. The mill began operation in July, 1862, under the proprietors Fritsch, Zartman & Company. In 1863, it was leased by David B. Hunt and P. G. Childs. A. L. Greeley owned the mill in 1865, at which time it was equipped with 8 stamps, 18 common muller amalgamator pans and a 20 hp. engine. In 1870, this mill had 24 stamps and was owned by Sharon and Mackay. After running for years on Crown Point ore, the mill was shut down in May 1876. The mill was reported to have been dismantled and moved to Bodie in August 1880 for the use of the Bodie tunnel and Goodshaw Mine. Other sources indicate that the mill was reopened sometime prior to 1882 and operated on the Comstock until at least 1887. Mill remains buried.					
18. ORIGINAL USE						PRESENT USE						ADAPTIVE USE					
Quartz Mill																	
19. REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER																	
Second Directory of the Nevada Territory, 1863, p. 311																	
Gold Hill News, June 27, 1865.																	
U. S. Census, 1870.																	
Territorial Enterprise, May 1876.																	
Mining & Scientific Press, 1887, (V.54), p. 121																	
Production of Gold & Silver in the U.S., 1882, p. 156																	
20. URBAN AREA 50,000 POP. OR MORE?						21. HCRS REGION		22. PUBLIC ACCESSIBILITY		23. EDITOR INDEXER							
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								<input type="checkbox"/> YES, LIMITED <input type="checkbox"/> YES, UNLIMITED <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN									
24. LOCATED IN AN HISTORIC DISTRICT?																	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																	
NAME Virginia City National Historic Landmark																	
DISTRICT I.D. NO																	
Comstock State Historic District																	

PETALUMA ~~STATION~~ BILL TO

WILLIAM SHARON

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~~and certain claims and demands for services and right of possession
by legal titles in the name of the said Thomas H. Johnson and sold
to him. He was with certain unpaid claims made to the said Johnson
and sold to the same into the said Thomas Johnson his heirs and
assigns forever as fully and effectually and absolutely as I could
Thomas H. Johnson. With his consent and thus Collector as before and by virtue
of the authority aforesaid may and ought to grant and to convey
this same full title as above before him in the name of the said John
and this the 18 day of May A.D. 1845. Thomas H. Johnson Clerk
Executed in presence of W. Kellogg Member of Court of Sessions~~

State of Nevada, County of Storey, ss. I, John H. Hall, Clerk of said County, do hereby certify that on the eighth day of May, 1867, at Storey, Nevada, and eight hundred and fifty five and 1/100 acre of H. Hall's Storey Public Lands under for said County, according to the daily Commission and under personally appeared that H. Johnson, Marshal and Tax Collector of said Nevada, whose name is subscribed to the annexed instrument, as a party thereto, who is personally known to me, to be the individual described in and who executed the annexed instrument, and he duly acknowledged to me that he executed the same freely and voluntarily and for the uses and purposes therein mentioned. Read in Presence thereof before me, in witness whereof and affixed my official seal at my office in said County the day and year in this Certificate stated above written.

Wm. H. Hall, Clerk Storey Public

Recorded at Request of Grant Chamberlain 6.16.67 at 1 P.M.

Chas. H. Rich Recorder

J. M. Walker et al vs U. S. & State Stamped \$10 each

Mr Sharon

The Indenture made this 29th day of October 1854 between right and lawful heirs and assigns of Belvoir J. M. Walker of the 1st part and John M. Mackay of the City of Virginia County of Stony Sept of Nevada of the 2nd part and William D. Shager of the same place of the 3rd part & McCreath Thayer the parties of the first part for and in consideration of the sum of Five Thousand & no more Dollars lawfully money of the United States to them in hand paid by the party of the second part the receipt whereof is hereby acknowledged have granted bargained sold and conveyed and by these presents do grant bargain sell and convey to the party of the second part his heirs and assigns forever One undivided one half (1/2) interest of and in that certain tract piece and parcel of land and Mill property situate lying and being in the Town of Gold Hill County of Stony and State of Nevada described as follows: Commencing at the point where the south west corner of the lot owned by W. S. Robert and known as the

Said John Walker interest the east line of Main St
in said Town of Cold Hill and running thence southerly
the line of said Main St to Town hundred and thirty nine
and one half (239 1/2) feet to the corner of Cold Hill Lot thence
easterly Town hundred and twenty five (225) feet
or less thence southerly and parallel with the line of said
Town hundred and thirty nine and one half (239 1/2) feet
to the place of beginning. Thence west and
thence southerly and parallel with the line of said
Town hundred and twenty five (225) feet
to the place of beginning. The said tract containing two certain
acres of land conveyed to the parties of the first part as
follows: The tract one hundred and seventy (17) feet
being purchased from A. L. S. on the first day of June
A.D. 1866 the conveyance whereof being recorded in Book
2 of Deeds of the County of San Francisco at folio 561
of the County Records and the tract one hundred and twenty two and one half (122 1/2) feet
being purchased from William S. Hemen on the second day of July
A.D. 1867 the conveyance whereof being recorded in Book 2 of Deeds
of the County of San Francisco at folio 561 of the County Records. Also of and in the steam
boiler, machinery, tools, fixtures upon the said premises known
as the Potrero Mill and all the machinery, fixtures and
appurtenances thereof and the buildings and structures
upon the said premises. Together with all and singular the
tenements, hereditaments and appurtenances thereto in anywise
belonging or in anywise appertaining. To have and to hold the above
mentioned interest in and to the said premises and appurte-
nances to the party of the second part his heirs and assigns
forever. It being understood that of the whole of said lands
and Mill property the said J. M. Walker by these presents
conveys an undivided one third (1/3) interest therein and the said
D. A. Smith and the said John W. Mackay each convey and
are divided or divided (1/3) interest therein equally among
the undivided one half (1/2) interest of said J. M. Walker
whereof the parties of the first part have heretofore and do
have and shall have the day and year first above written.

J. M. Walker
by his Atty in fact J. C. Flood (Seal)
John W. Mackay (Seal)
D. A. Smith

State of California City and County of San Francisco
On this twenty ninth day of October A.D. one thousand eight
hundred and sixty seven before me E. J. Joyce a Commissioner
for the State of Nevada engaged for said duty and lawfully
commissioned and known personally appeared J. C. Flood
personally known to me to be the same person who executed
by Power of Attorney the annexed instrument as the Attorney
in fact of J. M. Walker being named in the annexed instru-
ment as a party thereto and therein described as the party
executing the same by his said Attorney and the said J. C. Flood
acknowledged to me that he executed the same freely and voluntarily

3/3/1870

WILLIAM SHANN PURCHASER
1/4 INTEREST IN ~~BARRETT~~ MILL

PETALUMA

Union State of America
County of Col. former City and County of San Francisco and
State of California
I, the undersigned, a Commissioner of the State of California do
hereby certify that the foregoing instrument is a true and correct
copy of the original instrument filed in the office of the
Recorder of the County of Col. former City and County of San Francisco
and State of California on the 3rd day of March in the year of our Lord one thousand
eight hundred and seventy before me personally appeared the
said City and County of San Francisco and State of California
Robert Sherman President of the Empire Mill and Mining Com-
pany a Corporation duly organized under the laws of the State of Cal-
ifornia whose name is subscribed to the aforesaid instrument and
personally known to me to be the individual
described in and who executed the said instrument and by the said
Robert Sherman duly acknowledged to me that he executed the
said instrument and who is the said President
and as such for the said City and County of San Francisco and
Mining Company for the use and purpose therein authorized
and that the said instrument is the Corporate Seal
of said Corporation and that he appeared by authority thereof
and on the same day before me personally appeared C. C. Stevens
whose name is subscribed to the aforesaid instrument as a party
thereto who is personally known to me to be the individual
described in and who executed the same and he the said C. C. Ste-
vens duly acknowledged to me that he executed the said instrument
freely and voluntarily and for the use and purpose
therein mentioned and I have minute
of my hand and affixed my official seal as such Commissioner
at a place in the City and County of San Francisco and State of
California this second day of March in the year of our Lord one
thousand eight hundred and seventy

J. B. Thibault Commissioner of Records in California
Recorded at request of Grant March 4 1870 at 4 P. M.

Chas. H. Smith Recorder

P. A. Smith 3 U. S. State Stamp for each

March in the year eight hundred and
seventy William Barrett & P. A. Smith of the City of Virginia County
of Shaver and State of Nevada of the first part and William Shann
of the second part of the second part of the instrument that the undersigned
of the first part for and in consideration of the sum of Eight
Thousand Dollars lawful money of the United States to him in
hand paid by the party of the second part at once for the use and
purpose of the first part the receipt whereof is hereby ac-
knowledged and granted bargain sold and conveyed and by
this instrument does grant bargain sell and convey unto the

said party of the second part his heirs and assigns forever, shall
 undivided one fourth (1/4) interest of said in that certain tract of land
 and parcel of land and mill property situated lying and being in
 the Town of Gold Hill County of Storey and State of Nevada
 consisting as follows to wit: Commencing at the point where the
 south west corner of the lot owned by N. S. Stewart and known
 as the "Sapphire Mill" intersects the east line of Main Street
 of said Town of Gold Hill, and running thence southerly along said line
 of said Main Street two hundred and thirty nine and one half (239 1/2)
 feet to the Nevada Hotel lot thence at right angles easterly two
 hundred and twenty five (225) feet more or less thence southerly
 and parallel with the line of said lot two hundred and thirty nine
 and one half (239 1/2) feet thence at right angles westerly two hun-
 dred and twenty five (225) feet to the place of beginning. This area
 is divided one fourth (1/4) interest in and to the Main Street
 Mill situate upon the said premises known as the "Sapphire Mill"
 and all the machinery therein and appurtenances thereof and the
 buildings and superstructures upon the said premises together
 with all and singular the tenements hereditaments and appurte-
 nances therein belonging or in anywise appertaining. And
 also all the estate right title interest property possessions claim
 and demand of every nature and kind in whatever whetted in law
 or in equity of the said party of the first part of in and to the said
 premises and every part and parcel thereof with the appurtenances
 to have and to hold all and singular the above mentioned and
 described premises and every part and parcel thereof with the
 appurtenances unto the said party of the second part his heirs
 and assigns forever. In Witness Whereof the said party of the
 first part has hereunto set his hand and seal the day and year
 first above written.

Signed and sealed in the presence of Frederick B. Little (Notary
 Public of Nevada County of Storey ss)

On this fourth day of March A.D. one thousand eight hundred
 and seventy before me H. C. Little a Notary Public in and for
 said County residing therein duly commissioned and sworn per-
 sonally appeared Frederick B. Little whose name is subscribed
 to the annexed Instrument as a party thereto personally known
 to me to be the person described in and who executed the said
 annexed Instrument and who duly acknowledged to me that he
 executed the same freely and voluntarily and for the uses and
 purposes therein mentioned. Read In Witness Whereof I have
 hereunto set my hand and affixed my official seal at my
 office in said County the day and year in this Certificate first
 above written.

H. C. Little Notary Public

Recorded at request of W. S. Wood March 11th 1870 at 4.5 P.M.

Chas. H. Beck Recorder

The undersigned and the said John H. ...
Sedged to me that he executed the same freely and voluntarily and
for the use and benefit of the said ...



and affixed my official seal to my office and
leaving the day and appended date below at 2 o'clock
B. L. ...
Covered by Stamps - 25¢ ... State \$3.00 said Stamps cancelled
Recorded at request of ... May 27 1888 at
4.5 pm ... 6 o'clock P.M.
of ... Nevada B. L. ... Deputy

WILLIAM SHARON TO THE UNION MILLS MA
5/7/1888th BAY STATE MILL, CARSON MILL, WINFIELD
MILL, GOLD CANYON REDUCTION, PACIFIC MILL
FRANKLIN MILL, BRUNSWICK MILL, UNION GUNDA

This Indenture made this seventh day of May in the year eight hundred
and eighty eight Between William Sharon of the City
of Virginia a County of Storey and State of Nevada of the first part
and the Union Mills and Mining Company a corporation organized
within and under the laws of the State of California having its principal
place of business at the City and County of San Francisco in said
State of the second part Witnesseth That the said party of the first
part and in consideration of the sum of Seven Dollars to him in
hand paid by the party of the second part the receipt whereof is hereby
acknowledged have granted bargained, sold, and conveyed and
by these presents does grant bargain sell and convey unto the said
party of the second part its successors and assigns forever full and
every the right title and interest claim and demand of the party of the first
part of in and to all and singular the following mentioned and dis-
cribed lots pieces and parcels of land mill sites and mill property
That to wit the first the undivided one half (1/2) interest in
and to three certain lots pieces and parcels of land situate in what
is known as ... State of Nevada known and
designated upon the Plat or Plan of ... as lots numbers six (6)
seven (7) and eight (8) ... Black number seven (7) eight (8) and
nine (9) ... and ... and ...
also ... and ...
... and to all water ...
... the following described
piece of land ...
... the ...
... the ...
... the ...

CO :
MILL,
EMPIRE
STATE MILL
SPRING
PETERSON
MILL,
SWANSEA
MILL
TAMELK
MILL,

do here and do field the above mentioned and described
 lots pieces and parcels of land mill sites and mill proper-
 ty and every part thereof with the appurtenances unto the party
 of the second part in succession and assigns forever
 do hereby certify that the party of the first part has here-
 unto set his hand and seal the day and year first above
 written

Wm. Harrison

State of Nevada 3rd On this eighth day of May 1868 one
 County of Storey 3rd thousand eight hundred and sixty eight before me N. S. Wood
 a Notary Public in and for said County duly commissioned
 and sworn personally appeared the below named William
 Sharon whose name is subscribed to the annexed instrument
 as a party thereto personally known to me to be the person descri-
 bed in and who executed the said annexed instrument and
 who acknowledged to me that he executed the same freely and
 voluntarily and for the uses and purposes therein mentioned



I do hereby certify that I have hereunto set my
 hand and affixed my official seal at my office
 in said County the day and year in this certificate
 first above written

N. S. Wood

Notary Public

(Storey County Record) Recorded at request of Wm. Sharon May 19th 1868
 at 11 A.M. in Book of Records pp. 7 at the Storey County Records
 in what is called Recorder

(Ormsby County Record) Filed for Record on the 22nd May 1868
 at 15 Minutes past 12 O'clock P.M. and Recorded on the 12th of June
 58-59-60-61-62 of the Ormsby County Land Records Small King
 Recorder Ormsby County

(Nevada County Record) Recorded May 26th 1868 at 10 min past
 1 O'clock P.M. in Book of Records of Nevada County
 Recorder Nevada County

This foregoing instrument is covered by Stamp of
 N. S. Recorder of the State of Nevada said stamp cancelled
 Recorded at request of Wm. Sharon May 27th 1868 at 30 min
 past 1 O'clock P.M. at the Office of Wm. Duffie Recorder of Storey
 County Nevada By J. L. Cravett Deputy Recorder

This instrument made on the eighth day of May in the year of our
 Lord one thousand eight hundred and sixty eight before me
 John P. Brown of Storey County Nevada State of Nevada
 Notary Public duly qualified and sworn to the same
 William Sharon of the County of Storey State of Nevada
 who appeared before me and acknowledged to me that he executed the same
 freely and voluntarily and for the uses and purposes therein mentioned
 and that he was duly qualified and sworn to the same